December 30, 1966

TECHNICAL TRANSLATIONS

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FORMAT

This journal is separated into five sections:

(1) Bibliographic citations are divided into 22 major fields; they are further subdivided alphanumerically under 178 groups. References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

(2) Translations in Process lists titles of translations being prepared by government and private sources. All Special Foreign Currency Science Information (SFCSI) Program translations are listed (formerly PL 480 Program).

(3) Translated or Abstracted Publications lists titles of approximately 190 technical and scientific periodicals regularly translated into English. Included is a cross reference by English title.

(4) Translated Tables of Contents of recent issues of monographs, journals, and journal sections; they are preceded by a list of the English titles of the publications from which they are taken.

(5) Indexes: three indexes are arranged by author, journal and number.

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TECHNICAL TRANSLATIONS

01 AERONAUTICS

TT-66-34773 Field 1-, 20K

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 55. 27 Oct 66, 21p. JPRS-38347.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34773

Abstract trans. of Hang K'ung Chih Shih (Chinese People's Republic) v3 n4 p1-31 1966 and Li Hsueh Hsueh Pao (Chinese People's Republic) v9 n2 p121-74 1966.
For another listing of Li Hsueh Hsueh Pao (Chinese People's Republic) see TT v16 n4.

A. Aerodynamics

TT-65-17372 Field 1A

Delery, J.; Hardy, J. M.
ACTUAL POSSIBILITIES OF A THEORETICAL STUDY OF A SUPERSONIC DOUBLE FLOW NOZZLE (Possibilities Actuelles d'Etude Theoreque d'une Tuyere Supersonique a Double-Flux). 36p, 10refs.
Order from SLA: $3.60 as TT-65-17372

Trans. of Office National d'Etudes et de Researches Aeropatiales. Rept. (France) 1966.

TT-66-14429 Field 1A

Viktorin, K.
INVESTIGATION OF TURBULENT MIXING PROCESSES. 36p, 10refs.
Available on loan from SLA as TT-66-14429

Trans. of Forschung auf dem Gebiete des Ingenieurwesens (West Germany) v12 p16-20 1941.

TT-66-14615 Field 1A

Karman, T. V.
NEW PRESENTATION OF LIFTING WING THEORY. 9p, 3refs.
Order from SLA: $1.10 as TT-66-14615

Trans. of Zeitschrift fuer Angewandte Mathematik und Mechanik (East Germany) v15 n1/2 p56-61 1935.

TT-66-14660 Field 1A

Marcillat, J.
DISTRIBUTION FUNCTIONS OF TURBULENT VELOCITIES IN A BOUNDARY LAYER. EFFECTS OF THE RESPONSE OF A HOT WIRE ANEMOMETER. Thesis. 87p, 25refs.
Order from SLA: $8.10 as TT-66-14660

Trans. of Aix-Marseille Univ. Faculte des Sciences. Thesis (France) 23 Dec 1964.

B. Aeronautics

TT-66-34954 Field 1B, 13F

USSR TRANSPORTATION: TRANSLATIONS NO. 152. 8 Nov 66, 12p. JPRS-38529.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34954

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C. Aircraft

TT-66-34855 Field 1C

Kozhevnikov, A.
SOVIET MILITARY TRANSLATIONS NO. 347. Jet Fighter Instrument Training. 1 Nov 66, 28p. JPRS-38429.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34855

Trans. of Don (USSR) n8 p151-65 1966.

TT-66-34928 Field 1C

USSR TRANSPORTATION: TRANSLATIONS NO. 150. 7 Nov 66, 17p. JPRS-38503.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34928

TT-66-35029 Field 1C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 60. 14 Nov 66, 38p. JPRS-38604.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-35029

Abstract trans. of Hang K'ung Chih Shih (Chinese People's Republic) v2 n3 31p; n4 31p; n5 31p 1965.

02 AGRICULTURE

TT-66-34718 Field 2-

USSR AGRICULTURE: TRANSLATIONS NO. 163. 25 Oct 66, 18p. JPRS-38292.
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Trans. from Kooperativno Selo (Bulgaria) 14 Oct p4 1966.

TT-66-34947 Field 2-, 5B

SOVIET AGRICULTURAL ACADEMY DISCUSSES PATENT PRACTICES AND OTHER MEASURES. 7 Nov 66, 10p. JPRS-38522.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34947

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v11 n6 p149-53 1966.

TT-66-34996 Field 2-

Staicu, I.
ACTIVITIES OF THE CENTRAL INSTITUTE OF AGRICULTURAL RESEARCH. 9 Nov 66, 6p. JPRS-38571.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34996

Trans. of Viata Economica (Rumania) v4 n38 p13 1966.

A. Agricultural chemistry

TT-66-10253 Field 2A

Veiderma, M. A.
MIXTURE OF ESTONIAN PHOSPHATE (PHOSPHORITE) FERTILIZER WITH SUPERPHOSPHATE. 10p (figs omitted) 10refs.
Order from SLA: $1.10 as TT-66-10253

Trans. of Khimicheskaya Promyshlennost (USSR) p711-4 1961.

B. Agricultural economics

TT-66-11474 Field 2B, 2E, 6H

Fontdevila, A.
THE CASE METHOD IN VEAL PRODUCTION. 5p (figs omitted).
Order from SLA: $1.10 as TT-66-11474

Trans. of Campo y Mecanica (sic) n31 p17-9 1965.

TT-66-34776 Field 2B, 2C, 2E

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 486. 27 Oct 66, 56p. JPRS-38350.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-34776

TT-66-34801 Field 2B

Sinak, J.; Szemberg, A.
EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 487. 28 Oct 66, 28p. JPRS-38375.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34801

Trans. of Ekonomika Zemedelstvi (Czechoslovakia) v6 n8 p205-8 1966 and Nowe Drogi (Poland) v20 n10 p41-53 1966.

TT-66-34930 Field 2B, 5A

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 488. 7 Nov 66, 64p. JPRS-38505.
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TT-66-34977 Field 2B

USSR AGRICULTURE: TRANSLATIONS NO. 167. 8 Nov 66, 47p. JPRS-38552.
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C. Agricultural engineering

TT-65-14092 Field 2C

Meyer, H.; Schuenke, U.; Seifert, A.; Skalweit, H.; Sonnen, F. J.
THE AGRICULTURAL TRACTOR AND ITS ACCESSORIES. 40p (figs omitted) 3refs.
Order from SLA: $3.60 as TT-65-14092

Trans. of die Landtechnik (West Germany) v19 p622-34 1964.

TT-65-50376 Field 2C, 4B, 8H

Czarnowski, M. S.
RELATIONSHIP BETWEEN THE EVAPOTRANSPIRATION AND SPATIAL DISTRIBUTION OF VEGETATION COVER (Zwiazek Miedzy Parowaniem Terenowym a Rozmieszczeniem Przestrzennym Typow Szaty Roslinnej). Tr. by Maciej S. Czarnowski. 1966, 43p, 49refs. SFCSI-Comm(TT-65-50376).
Order from CFSTI: $2.00 as TT-65-50376

Trans. of Przeglad Geofizyczny (Poland) v9(36) n2 p245-84 1964.

TT-65-50404/5 Field 2C, 8G

JOURNAL FOR SCIENTIFIC AGRICULTURAL RESEARCH, VOL. 18, NO. 63, 1965. Tr. by Bozidar Filipovic. 1966, 189p, refs. SFCSI-Agr(TT-65-50404/5).
Order from CFSTI: $5.00 as TT-65-50404/5

Trans. of Arhiv za Poljoprivredne Nauke i Tekniku (Yugoslavia) v18 n63 p3-189 1965.

TT-66-14625 Field 2C

Eggenmueller, A.
CULTIVATORS WITH OSCILLATING TOOLS (Grubber mit Schwingenden Werkzeugen). 10p, 11refs.
Order from SLA: $1.10 as TT-66-14625

Trans. of Grundlagen der Landtechnik (West Germany) n11 p81-4 1959.

TT-66-14747 Field 2C

Moeller, R.
DRAUGHT REQUIREMENT AND WORKING EFFICIENCY OF RIGID AND SPRUNG CULTIVATOR TINES (Zugkraftbedarf und Arbeitserfolg Starrer und Federnder Grubberzinken). 23p, 3refs.
Order from SLA: $2.60 as TT-66-14747

Trans. of Grundlagen der Landtechnik (West Germany) n11 p85-94 1959.

TT-66-34764 Field 2C

PRAVDA EDITORIALS (24 OCT 1966): TRANSLATIONS NO. 709. 26 Oct 66, 5p. JPRS-38338.
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Trans. from Pravda, Moscow (USSR) 24 Oct p1 1966.

TT-66-34876 Field 2C

Troepolskii, G.;
USSR AGRICULTURE: TRANSLATIONS NO. 165. 2 Nov 66, 15p. JPRS-38450.
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Trans. from Pravda, Moscow (USSR) 4 Sep p2; 5 Sep p2 1966.

TT-66-34927 Field 2C

USSR AGRICULTURE: TRANSLATIONS NO. 166. 7 Nov 66, 50p. JPRS-38502.
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D. Agronomy and horticulture

NCH-206 286 Field 2D

Fawcett, G. L.
THE 'BLACK PEST' OF TOMATOES AND THE CORCOVA' (SPOTTED WILT) OF TOBACCO. 1966, 16p (figs omitted). K-H-1883.
Order from K-H: $9.60 as K-H-1883

Trans. of Revista Industrial y Agricola de Tucuman (Argentina) n30 p221-6 1940.

NCH-206 288 Field 2D

Gigante, R.
THE CONCENTRIC SPOTTING OF TOBACCO LEAVES. 1966, 15p (figs omitted). K-H-1815.
Order from K-H: $9.00 as K-H-1815

Trans. of Annali della Sperimentazione Agraria (Italy) s3 n5 p1251-61 1949.

NCH-206 315 Field 2D

Grunwale, W.
OSMOTIC VARIABLES OF STATE OF SEPARATELY CULTIVATED TOBACCO ROOTS. 1966, 5p (figs omitted). K-H-2709b.
Order from K-H: $3.00 as K-H-2709b

Trans. of Protoplasma (East Germany) v41 p258-60 1952.

NCH-206 334 Field 2D

Rossi, U.
TOBACCO CULTIVATION AND INDUSTRY IN ITALY. NATIONAL REPORT TO THE WORLD TOBACCO CONGRESS IN AMSTERDAM. 1966, 80p (figs omitted). K-H-2650f.
Order from K-H: $48.00 as K-H-2650f

Trans. of il Tobacco (Italy) v55 p343-406 1951.

NCH-206 342 Field 2D

Gigante, R.
ALTERATIONS DUE TO TEMPERATURE EXCESSES IN YOUNG TOBACCO PLANTS IN THE SEED PLOTS OF THE LECCE REGION. 1966, 16p (figs omitted). K-H-2650c.
Order from K-H: $9.60 as K-H-2650c

Trans. of il Tobacco (Italy) v55 p103-12 1951.

TT-65-50334 Field 2D

Wichert-Kobusowa, I.
HETEROSIS IN HEMP (Badanie Zjawiska Heterozji u Konopi). Tr. by M. Sierpinski. 1966, 28p, 32refs. SFCSI-Agr(TT-65-50334).
Order from CFSTI: $3.00 as TT-65-50334

Trans. of Instytut Uprawy, Nawozenia i Gleboznawstwa, Warsaw. Pamietnik Pulawski (Poland) n7 p33-64 1962.

TT-66-14435 Field 2D

Horiguchi, H.
STUDIES ON THE CONTROL OF THE FIRST GENERATION RICE STEM BORER BY THE SOIL APPLICATION OF r-BHC IN PADDY FIELD. 92p (figs omitted) 35refs.
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Trans. of Tohoku Nogyo Shikenjo Kenkyu Hokoku (Japan) n30 p1-149 1964.

TT-66-14649 Field 2D, 2C

Hanayama, Y.
RECONSIDERATION TO ESTIMATING METHOD OF WATER REQUIREMENT OF PADDY FIELD AREA. 21p, 3refs.
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Trans. of Nogyo Doboku Kenkyu (Japan) v32 n1 p15-23 1964.

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Ishikawa, M.
RICE CULTIVATION AND ECOLOGY OF RICE ROOT NEMATODES. 10p.
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Trans. of Nogyo Gijutsu (Japan) v19 n5 p229-31 1964.

TT-66-14655 Field 2D

Tanaka, I.
ON THE RELATION BETWEEN RICE BLAST OUTBREAK AND SOIL CONDITIONS, ESPECIALLY WITH RESPECT TO PEAT SOILS OF PADDY FIELD. 18p, 16refs.
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Trans. of Hokkaido Nogyo Shikenjo Iho (Japan) n69 p103-14 1956.

TT-66-33788 Field 2D, 5K

PRAVDA EDITORIALS (26-27 AUG 66): TRANSLATIONS NO. 674. 30 Aug 66, 9p. JPRS-37359.
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Milkovski, Y.; Konishev, P.
THE 40TH ANNIVERSARY OF THE COTTON INSTITUTE IN CHIRPAN, BULGARIA. 21 Oct 66, 14p. JPRS-38268.
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Trans. of Selskostopanska Nauka (Bulgaria) n2 p103-9 1966.

E. Animal husbandry

NCH-206 055 Field 2E

Sanz, F.; Vareja, G.; Castella, E.
THE INFLUENCE OF CHELATING AGENTS IN THE FORMATION OF EGG SHELLS; THE ACTION OF ETHYLENE DIAMINETETRAACETIC MATERIALS UPON THE PERMEABILITY AND CALCIUM CONTENT. 11 Jul 66, 9p. NCH-9016.
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Trans. of Madrid Univ. Facultad de Veterinaria. Anales (Spain) v6 p115-26 1954.

TT-65-13726 Field 2E

Scheel, A.
SUCCESSFUL TREATMENT WITH VETIDREX OF A SEVERE UDDER EDEMA (BEFORE CALVING) (Erfolgreiche Behandlung eines Hochgradigen Euteroedems (vor der Geburt) mit Vetidrex). 2p.
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Trans. of Visite und Ordination (Germany) v9 n2 p17-8 1963.

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Hinz, W.
CONCERNING A POSSIBILITY WHICH LIMITS THE TOXICITY OF WORM REMEDIES GIVEN ORALLY BY REGARDING ESPECIALLY THE OIL OF CHENOPODIUM (Ueber die Moeglichkeit der Einschraenkung der Giftwirkung Oral Applizierter Wurmmittel auf den Wirtsorganismus unter Besonderer Beruecksichtigung des Chenopodiumoeles). 18p (foreign text included).
Available on loan from SLA as TT-66-14402

Trans. of Tieraerztliche Rundschau (Germany) v39 n3 p1-8 1933.

TT-66-14462 Field 2E

Bodnar, M.; Dorman, M.; Juhasz, B.; Szegedi, B.
EXPERIMENTS ON SWINE WITH MIXED FEED CONTAINING AFLATOXIN. 14p, 10refs.
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Trans. of Magyar Allatorvosok Lapja (Hungary) v20 n9 p390-6 1965.

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Iliev, B.
PROBLEMS OF VETERINARY MEDICINE IN BULGARIA. 8 Nov 66, 7p. JPRS-38533.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34958

Trans. of Rationalizatsiya i Standartizatsiya (Bulgaria) n8 p5-7 1966.

F. Forestry

TT-65-50329 Field 2F

Szczerbinski, W.
THE PROBLEM OF STANDS WITH BARK STRIPPED OFF BY GAME ANIMALS AND CONSIDERATION OF METHOD SUITABLE FOR STUDYING THE EFFECTS OF DAMAGE IN PINE AND SPRUCE STANDS (Zagadnienia Spalowania Drzewostanow Przez Gruba Zwierzyne Lowna Oraz Uwago Dotyczace Metodyki Banania Jego Skutkow w Sosninach i Swierczynach). Tr. by I. Wierzbicka. 1966, 19p, 12refs. SFCSI-Agr(TT-65-50329).
Order from CFSTI: $3.00 as TT-65-50329

Trans. of Sylwan (Poland) v103 n5 p73-90 1959.

03 ASTRONOMY AND ASTROPHYSICS

A. Astronomy

TT-66-62565 Field 3A, 14E

NEW TECHNIQUES IN ASTRONOMY: SELECTED ARTICLES. 13 Apr 66, 65p, 15refs.
FTD-TT-66-38; AD-641 650.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as AD-641 650.

Unedited rough draft trans. of mono. Novaya Tekhnika v Astronomii, n.p., 1963 p13-6, 60-79, 91-7, 111-7.
Materials of the 1961 Conference (Materialy Soveschaniya 1961).

B. Astrophysics

NCH-204 680 Field 3B

Pokrovskii, G. I.
APPLICATION OF THE GENERAL PRINCIPLES OF STATISTICAL MECHANICS TO THE CALCULATION OF THE MAXIMUM ALTITUDES AND THE NUMBER OF HIGHEST MOUNTAIN PEAKS ON VARIOUS PLANETS. 1966, 7p.
Order from TA

Trans. from mono. Soveshchanie po Problemam Planetologii (no. 5) 10-15 May 65, Tezisy Dokladov, Leningrad, 1965 205p.

NCH-204 711 Field 3B

Mustel, E. R.; Bonelis, I. V.; Kubyakin, V. V.
(NO ENGLISH TITLE GIVEN). 1966, 4p, 9refs.
Trans-F.135.
Order from NLL

Trans. of Astronomicheskii Tsirkulyar (USSR) n333 p1-6 1965.

NCH-206 350 Field 3B

Konrad, B.
CONTINENTS AND OCEANS AS DEVELOPMENTAL FORMS OF PLANETARY LITHOSPHERES. 1966, 5p.
Order from TA: $10.50

Trans. from Soveshchanie po Problemam Planetologii (no. 5) 10-15 May 1965. Tezisy Dokladov, Leningrad, 1965 205p.

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Fedorets, V. A.
PHOTOGRAPHIC PHOTOMETRY OF THE LUNAR SURFACE. 132p, 17refs.
Order from SLA: $10.50 as TT-66-10414

Trans. of Kharkov Univ. Astronomichna Observatoriya. Trudy (USSR) v2 p48-172 1952.

TT-66-34902 Field 3B

Ambartsumyan, V. A.; Ivanova, N. L.
THE BYURAKANSKAYA ASTROPHYSICAL OBSERVATORY. 3 Nov 66, 11p. JPRS-38477.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34902

Trans. of Priroda (USSR) Jul p41-9 1966.

C. Celestial mechanics

TT-66-62583 Field 3C, 20J

Bisnovatyi-Kogan, G. S.
THE CONFERENCE ON GRAVITY IN TIFLIS (Gravitatsionnaya Conferentsiya v Tbilisi). Tr. by Walter L. Burton. 1966, 9p. ACIC-TC-1115; AD-641 755.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-641 755

Trans. of Zemlya i Vselennaya (USSR) v1 n5 p71-3 1965.

04 ATMOSPHERIC SCIENCES

B. Meteorology

NCH-204 699 Field 4B

Zavyalova, I. N.
ON THE FREQUENCY OF DEVIATIONS OF THE MEAN MONTHLY VALUES OF TEMPERATURE AND PRESSURE FROM THE NORMAL IN THE ARCTIC. 1965, 14p, 11refs. Trans-F-151.
Order from NLL

Trans. of Arkticheskii i Antarkticheskii Nauchno-Issledovatelskii Institut. Trudy (USSR) v273 p46-63 1965.

NCH-204 700 Field 4B

Ped, D. A.
A METHOD OF FORECASTING THE OVERALL CHARACTER OF THE WEATHER FOR A MONTH. 1966, 25p, 26refs. Trans-F.148.
Order from NLL

Trans. of Tsentralnyi Institut Prognozov. Trudy (USSR) n139 p71-88 1965.

NCH-204 705 Field 4B

Burcev, A. I.
A MODEL FOR COMPUTING THE VERTICAL SPEED OF THE AIR TAKING ACCOUNT OF THE ACTUAL VALUES OF THE STABILITY PARAMETER. 1966, 14p, 14refs. Trans-F.138.
Order from NLL

Trans. of Mirovoi Meteorologicheskii Tsentr, Leningrad. Trudy (USSR) n8 p3-14 1965.

TT-61-11147-143 Field 4B, 8C, 8E, 3B, 4A, 22-

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE NO. 143. 2 Nov 66, 128p. JPRS-38460.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-61-11147-143

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TT-66-34825 Field 4B, 8H

LITERATURE ON METEOROLOGY AND HYDROLOGY FOR 1965. 31 Oct 66, 12p. JPRS-38399.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34825

Trans. of Meteorologiya i Gidrologiya (USSR) n8 p55-8 1966.

TT-66-34826 Field 4B, 8H

NEWS OF THE SOVIET HYDROMETEOROLOGICAL SERVICE. 31 Oct 66, 11p. JPRS-38400.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34826

Trans. of Meteorologiya i Gidrologiya (USSR) n8 p62-4 1966.

TT-66-34828 Field 4B

Khrgian, A. Kh.
REVIEW OF THE BOOK ZHIZN, OTDANNAYA LYUBIMOMU DELU (LIFE SPENT IN A FAVORITE WORK), BY P. N. ADAMOV, GIDROMETEOIZDAT, L., 1965. 31 Oct 66, 4p. JPRS-38402.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34828

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TT-66-34830 Field 4B, 8H

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as TT-66-34830

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BASIS OF A SNOW-SURVEYING METHOD. 31 Oct 66, 7p, 5refs. JPRS-38408.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-34835 Field 4B, 8H

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-34924 Field 4B, 8H

Grishin, I. S.
SNOW COVER AND A CALCULATION OF SNOW FLOODS IN FOREST AND STEPPE REGIONS.
7 Nov 66, 15p. JPRS-38499.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34924

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05 BEHAVIORAL AND SOCIAL SCIENCES

TT-65-50404/4 Field 5-

JOURNAL FOR SCIENTIFIC AGRICULTURAL RESEARCH, VOL. 18, NO. 62, 1965. Tr. by Bozidar Filipovic. 1966, 138p, refs. SFCSI-Agr(TT-65-50404/4).
Order from CFSTI: $4.00 as TT-65-50404/4

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For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

A. Administration and management

TT-66-14388 Field 5A, 17B, 13F

Oefverholm, I.; Granholm, A.
A REPORT ON THE ACCOUNTING OF EXPENSES FOR MOVING AND ALTERING TELEGRAPH DEPARTMENT LINES ON STATE RAILWAYS. 20p (foreign text included).
Order from SLA: $1.60 as TT-66-14388

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TT-66-34664 Field 5A

ALBANIA: PRESS INFORMATION REPORT NO. 194. 19 Oct 66, 56p. JPRS-38238.
Order from CFSTI or ETC: HC$3.00, MF$0.75
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TT-66-34787 Field 5A

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TT-66-34797 Field 5A, 5I

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-34808 Field 5A

METHODOLOGICAL INSTRUCTIONS FOR INDUSTRIAL ENTERPRISE CHANGE-OVER TO NEW PLANNING SYSTEM. 28 Oct 66, 12p. JPRS-38382.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34808

Trans. of Ekonomika i Zhizn (USSR) n3 p35-8 1966.

TT-66-34811 Field 5A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: GENERAL SCIENCES NO. 1. 28 Oct 66, 55p. JPRS-38385.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-34811

Abstract trans. of K'o Hsueh Hua Pao (Chinese People's Republic) n3 p87-163; n6 p205-59 1966.

TT-66-34818 Field 5A

NORTH KOREA: TRANSLATIONS NO. 18. 31 Oct 66, 19p. JPRS-38392.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34818

TT-66-34823 Field 5A

Haxhi, P.
ALBANIA: PRESS INFORMATION REPORT NO. 196. 31 Oct 66, 10p. JPRS-38397.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34823

Trans. from Bashkimi (Albania) 16 Sep p2; 8 Oct p1 1966 and Puna (Albania) 13 Sep p2 1966.

TT-66-34861 Field 5A

AFRICA: TRANSLATIONS NO. 454. 1 Nov 66, 73p. JPRS-38435.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34861

TT-66-34865 Field 5A

PRAVDA EDITORIALS (26-28 OCT 1966): TRANSLATIONS NO. 711. 2 Nov 66, 15p. JPRS-38439.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-34867 Field 5A, 5I

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-34887 Field 5A

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Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34887

Trans. of Justitia Noua (Rumania) v22 n7 p3-16 1966.

TT-66-34907 Field 5A

NORTH VIETNAM: TRANSLATIONS NO. 56. 3 Nov 66, 66p. JPRS-38482.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34907

TT-66-34908 Field 5A

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. from Pravda, Moscow (USSR) 30 Oct p1; 31 Oct p1 1966.

TT-66-34935 Field 5A

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Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-34953 Field 5A

NORTH VIETNAM: TRANSLATIONS NO. 58. 8 Nov 66, 38p. JPRS-38528.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-62545 Field 5A, 12A, 4A, 3B, 11I, 20L, 20M, 19D, 20E, 14E

FOREIGN SCIENCE BULLETIN, VOL. 2, NO. 10. Oct 66, 64p, 27refs. AD-641 339.
Order from CFSTI or ETC: HC$3.00, MF$0.75
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A Monthly Review of Selected Foreign Scientific and Technical Literature.

B. Documentation and information technology

TT-66-13460 Field 5B, 6O

Fink, H.
RATIONALIZATION OF LITERATURE COVERAGE IN SPECIAL DOCUMENTATION (Rationalisierung der Literaturerfassung in Spezialdokumentationen). 18p, 7refs.
Order from SLA: $1.60 as TT-66-13460

Trans. of Methods of Information in Medicine (West Germany) v5 n2 p75-80 1966.

TT-66-34879 Field 5B, 5G

SCIENTIFIC AND TECHNICAL INFORMATION, NO. 6, 1966. 2 Nov 66, 162p, refs. JPRS-38453.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as TT-66-34879

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For another listing of this journal see 'Translated or Abstract Publications,' in TT Vol. 16, No. 4.

TT-66-34886 Field 5B, 9D

SCIENTIFIC AND TECHNICAL INFORMATION, NO. 5, 1966. 3 Nov 66, 110p, refs. JPRS-38461.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-34886

Trans. of Nauchno-Tekhnicheskaya Informatsiya (USSR) n5 p3-47, 52-7 1966 (p48-51 abstracted).
For another listing of this journal see 'Translated or Abstracted publications,' in TT Vol. 16, No. 4.

C. Economics

NCH-206 319 Field 5C

Gornik, R.
YUGOSLAVIAN TOBACCOS ON THE WORLD MARKET. 1966, 18p (figs omitted). K-H-2447a.
Order from K-H: $10.80 as K-H-2447a

Trans. of Revue Internationale des Tabacs (France) v26 p37-41 1951.

TT-66-33617 Field 5C, 6H, 2D

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 131, 24 Aug 66, 31p. JPRS-37188.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33617

TT-66-33635 Field 5C, 5D, 5I

ALBANIA: PRESS INFORMATION REPORT NO. 181. 24 Aug 66, 12p. JPRS-37206.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33635

TT-66-33679 Field 5C, 2B

PRAVDA EDITORIALS (22 AUG 66): TRANSLATIONS NO. 671. 26 Aug 66, 6p. JPRS-37250.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33679

TT-66-33739 Field 5C, 5I

ALBANIA: PRESS INFORMATION REPORT NO. 182. 29 Aug 66, 14p. JPRS-37310.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33739

TT-66-33826 Field 5C, 5D, 5K

BULGARIAN PROVINCIAL PRESS (16-31 MAY 66): SUMMARY NO. 259. 1 Sep 66, 19p. JPRS-37398.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33826

TT-66-33855 Field 5C, 5D, 5K

BULGARIAN PROVINCIAL PRESS (1-15 JUN 1966): SUMMARY NO. 260. 6 Sep 66, 15p. JPRS-37427.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33855

TT-66-34628 Field 5C

Tomov, M.; Buzolic, P.
EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 478. 18 Oct 66, 27p. JPRS-38201.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34628

Trans. of Planovo Stopanstvo i Statistika (Bulgaria) n7 p76-80 1966 and Nova Trgovina (Yugoslavia) n9 p488-91, 493-4 1966.

TT-66-34647 Field 5C

Boldyrev, P.; Maksimov, P. S.; Vasilev, P. V.
USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 147. 18 Oct 66, 14p. JPRS-38220.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34647

Trans. of Myasnaya Industriya SSSR, v37 n3 p6-9 1966 and Kholodilnaya Tekhnika (USSR) v43 n6 p18-20 1966.

TT-66-34685 Field 5C

Bogoroditzkii, N.
USSR INTERNATIONAL ECONOMIC RELATIONS NO. 74. Results of the Coordination of Scientific Technical Research in the CEMA Countries. 20 Oct 66, 13p. JPRS-38259.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34685

Trans. of Deutsche Aussenpolitik (East Germany) v11 n7 p866-72 1966.

TT-66-34689 Field 5C

Slavnii, I.
USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 42. 20 Oct 66, 32p. JPRS-38263.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-34709 Field 5C

Danov, G.; Jaroszewicz, P.
EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 304. 24 Oct 66, 29p. JPRS-38283.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34709

Trans. of Novo Vreme (Bulgaria) n8 p18-26 1966 and Nowe Drogi (Poland) v20 n10 p16-8 1966.

TT-66-34719 Field 5C

Shramenko, V.
USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 148. 24 Oct 66, 13p. JPRS-38293.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34719

Trans. of Ekonomika Sovetskoi Ukrainy (USSR) n6 p47-50 1966 and from Sovetskaya Rossiya (USSR) 30 Aug p1 1966.

TT-66-34728 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 44. 25 Oct 66, 54p. JPRS-38302.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-34728

TT-66-34768 Field 5C, 5I, 5D

AFRICA: TRANSLATIONS NO. 450. 27 Oct 66, 76p. JPRS-38342.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34768

TT-66-34769 Field 5C, 5D

CUBA: TRANSLATIONS NO. 505. 27 Oct 66, 102p. JPRS-38343.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-34769

TT-66-34778 Field 5C, 5D, 5I

AFRICA: TRANSLATIONS NO. 451. 27 Oct 66, 68p. JPRS-38352.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34778

TT-66-34789 Field 5C

Omarovskii, A.; Orzhanov, T.
USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 45. 27 Oct 66, 13p. JPRS-38363.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34789

Trans. from Voprosy Ekonomiki (USSR) n7 p122-5 1966 and Kazakhstanskaya Pravda (USSR) 3 Sep p2 1966.

TT-66-34819 Field 5C

Kagramanov, Yu.; Tabasaranskii, M.
PROBLEMS IN THE AZERBAYDZHAN RETAIL AND WHOLESALE NETWORKS. 21 Oct 66, 4p. JPRS-38393.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34819

Trans. from Bakinskii Rabochii (USSR) 11 Oct p3 1966.

TT-66-34824 Field 5C, 5A

Artzt, W.
ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 615. International Socialist Working Agreements as a Form of CEMA Plan Coordination. 31 Oct 66, 22p. JPRS-38398.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34824

Trans. of Staat und Recht (East Germany) n8 p1303-17 1966.

TT-66-34836 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 46. 31 Oct 66, 61p. JPRS-38410.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34836

TT-66-34842 Field 5C

Soskin, B.
BRITISH AND U. S. PETROLEUM MONOPOLIES EXPLOIT THE PERSIAN GULF. 31 Oct 66, 6p. JPRS-38416.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34842

Trans. from Bakinskii Rabochii (USSR) 22 Sep p3 1966.

TT-66-34848 Field 5C, 5A

Iona, F.; Sica, G.; Popescu, V. M.
ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 616. 1 Nov 66, 34p. JPRS-38422.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34848

Trans. of Probleme Economice (Rumania) v19 n7 p35-44 1966.

TT-66-34854 Field 5C, 5D

CUBA: TRANSLATIONS NO. 507. 1 Nov 66, 75p. JPRS-38428.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34854

TT-66-34859 Field 5C, 5K

CUBA: TRANSLATIONS NO. 508. 1 Nov 66, 28p. JPRS-38433.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34859

TT-66-34864 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 617. 1 Nov 66, 113p. JPRS-38438.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-34864

TT-66-34868 Field 5C

Nadasan, S.
ACTIVITIES OF THE TIMISORA CENTER FOR TECHNICAL RESEARCH. 2 Nov 66, 4p. JPRS-38442.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34868

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TT-66-34873 Field 5C, 8F

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 58. 2 Nov 66, 44p. JPRS-38447.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34873

TT-66-34885 Field 5C, 5D, 5K

CUBA: TRANSLATIONS NO. 509. 2 Nov 66, 64p. JPRS-38459.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34885

TT-66-34888 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 306. 3 Nov 66, 63p. JPRS-38463.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34888

TT-66-34891 Field 5C

Styrikovich, M.; Shteingauz, E.; Zlobin, A.
USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 47. 3 Nov 66, 25p. JPRS-38466.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34891

Trans. of Voprosy Ekonomiki (USSR) n7 p3-13 1966 and from Ekonomicheskaya Gazeta (USSR) n36 p5 1966.

TT-66-34892 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 149. 3 Nov 66, 23p. JPRS-38467.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34892

TT-66-34893 Field 5C, 8I, 11F, 13H

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 318. 3 Nov 66, 52p. JPRS-38468.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-34893

TT-66-34895 Field 5C

Khachaturov, T.; Lvov, D.; Gazaliev, M.; Gorbunov, E.; Orlov, V.
USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 48. 3 Nov 66, 46p. JPRS-38470.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34895

Trans. of Voprosy Ekonomiki (USSR) n8 p3-14; 40-61 1966.

TT-66-34910 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 619. 4 Nov 66, 46p, refs. JPRS-38485.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34910

TT-66-34914 Field 5C

Konnik, L.; Kolganov, M.; Khabibi, R.; Kotov, F.
USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 49. 4 Nov 66, 64p, 37refs. JPRS-38489.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34914

Trans. of Voprosy Ekonomiki (USSR) n5 p18-30, 60-73, 41-7 1966 and Planovoe Khozyaistvo (USSR) v43 n7 p31-41, 60-9 1966.

TT-66-34918 Field 5C

Melnitskii, N.; Tulchinskii, L.
USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 50. 7 Nov 66, 31p. JPRS-38493.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34918

TT-66-34919 Field 5C

USSR INTERNATIONAL ECONOMIC RELATIONS NO. 75. 7 Nov 66, 41p. JPRS-38494.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34919

TT-66-34936 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 51. 7 Nov 66, 87p. JPRS-38511.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34936

TT-66-34938 Field 5C, 5A

Djurbabic, M.; Stranjak, A.
ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 620. 7 Nov 66, 35p. JPRS-38513.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34938

Trans. of Finansija (Yugoslavia) n7/8 p340-56, 390-403 1966.

TT-66-34946 Field 5C, 5A

Goliat, I.
FACTORS CONTRIBUTING TO AN INCREASE IN ECONOMIC AND SOCIAL EFFECTIVENESS OF SCIENTIFIC RESEARCH. 7 Nov 66, 18p, 5refs. JPRS-38521.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34946

Trans. of Probleme Economice (Rumania) v19 n8 p3-16 1966.

TT-66-34950 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 150. 8 Nov 66, 24p. JPRS-38525.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34950

TT-66-34975 Field 5C, 8F

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 59. 8 Nov 66, 25p. JPRS-38550.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34975

TT-66-34995 Field 5C, 5D

AFRICA: TRANSLATIONS NO. 456. 9 Nov 66, 39p. JPRS-38570.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-66-34995

D. History, law and political science

TT-65-32556 Field 5D

Uzyanov, A.
BURMA TODAY. 17 Sep 65, 14p. JPRS-32063.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32556

Trans. of Politicheskoe Samoobrazovanie (USSR) v9 n2 p73-80 1965.

TT-66-30036 Field 5D

Yoko Matsuoka.
NORTH VIETNAM AS I SAW IT AGAIN: THE BRIDGE OF HAM RONG IN THE WAR. 5 Jan 66, 8p. JPRS-33592.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30036

Trans. of Ekonomisuto (Japan) 12 Oct 1965.

TT-66-30166 Field 5D

Smolych, Yu.
MAINTENANCE OF CULTURAL RELATIONS WITH UKRAINIANS LIVING ABROAD. 13 Jan 66, 50p. JPRS-33722.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30166

Trans. of Visti z Ukrayiny (USSR) n47(381) p1 1965.

TT-66-33629 Field 5D, 5I

PRAVDA EDITORIALS (18-20 AUG 66): TRANSLATIONS NO. 669. 24 Aug 66, 11p. JPRS-37200.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33629

TT-66-33637 Field 5D, 5C, 5K

HUNGARIAN PROVINCIAL PRESS (25-31 MAY 1966): SUMMARY NO. 415. 24 Aug 66, 28p. JPRS-37208.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33637

TT-66-33870 Field 5D, 5C, 5K, 5I

CUBA: TRANSLATIONS NO. 478. 6 Sep 66, 95p. JPRS-37442
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-33870

TT-66-33877 Field 5D, 5C, 5K

HUNGARIAN PROVINCIAL PRESS (20-26 JUL 1966): SUMMARY NO. 418. 6 Sep 66, 25p. JPRS-37449.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33877

TT-66-34635 Field 5D

Laboureau, J.; Zuccarelli, F.
AFRICA: TRANSLATIONS NO. 444. 18 Oct 66, 28p. JPRS-38208.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34635

Trans. of Revue Juridique et Politique, Independance et Cooperation (France) v20 n2 p267-74 1966 and le Mois en Afrique (France) n8 p76-80 1966.

TT-66-34639 Field 5D

SOUTH AND EAST ASIA: TRANSLATIONS NO. 134. The Trial of Jusuf Muda Dalam in Indonesia. 18 Oct 66, 27p. JPRS-38212.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34639

Trans. from Duta Masjarakat (Indonesia) 31 Aug p1-2; 1-3 Sep p1-2; 5-10 Sep p1-2 1966.

TT-66-34657 Field 5D

PRAVDA EDITORIALS (13-14 OCT 1966): TRANSLATIONS NO. 704. 18 Oct 66, 8p. JPRS-38231.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34657

Trans. from Pravda Moscow (USSR) 13 Oct p1; 14 Oct p1 1966.

TT-66-34711 Field 5D

Ke, V. D.
NORTH VIETNAM: TRANSLATIONS NO. 51. 24 Oct 66, 13p. JPRS-38285.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34711

Trans. from Nhan Dan (North Vietnam) 26 Sep p4; 15 Sep p3 1966 and Quan Doi Nhan Dan (North Vietnam) 19 Aug p3 1966.

TT-66-34737 Field 5D, 8G

Khalafov, M.; Agabekov, M.
TWO AZERBAYDZHAN SCIENTISTS ELECTED TO ACADEMY OF SCIENCES USSR. 25 Oct 66, 11p, JPRS-38311.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34737

Trans. from Bakinskii Rabochii (USSR) 25 Aug p3 1966.

TT-66-34767 Field 5D

COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL TRANSLATIONS NO. 375. 27 Oct 66, 24p. JPRS-38341.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34767

Trans. from Chieh Fang Chun Pao (Chinese People's Republic) 3 Feb; 9 Feb; 14 Feb 1966.

TT-66-34779 Field 5D

Rodriguez, M. M.
CUBA: TRANSLATIONS NO. 506. Mexican Magazine Has Exclusive Interview with Fidel. 27 Oct 66, 53p. JPRS-38353.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-34779

Trans. of Sucesos Para Todos (Mexico) n1738 p11-58 1966.

TT-66-34790 Field 5D

KOMMUNIST NO. 13, SEP 1966: SELECTED ARTICLES. 27 Oct 66, 171p. JPRS-38364.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as TT-66-34790

Trans. from Kommunist, Moscow (USSR) n13 p3-36, 39-128 1966.

TT-66-34793 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 237. 27 Oct 66, 55p. JPRS-38367.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-34793

TT-66-34803 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 899. 28 Oct 66, 98p. JPRS-38377.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34803

TT-66-34812 Field 5D, 5G

Hong Kwan-je; Kim Chang Su; Pak Hyong Hwa; Song So-Yong.
NORTH KOREA: TRANSLATIONS NO. 17. 28 Oct 66, 26p. JPRS-38386.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34812

TT-66-34814 Field 5D

PRAVDA EDITORIALS (25 OCT 1966): TRANSLATIONS NO. 710. 28 Oct 66, 4p. JPRS-38388.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34814

Trans. from Pravda, Moscow (USSR) 25 Oct p1 1966.

TT-66-34851 Field 5D, 5I

AFRICA: TRANSLATIONS NO. 452. 1 Nov 66, 26p. JPRS-38425.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34851

TT-66-34852 Field 5D

NEAR EAST: TRANSLATIONS NO. 41. 1 Nov 66, 54p. JPRS-38426.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-34852

Trans. of al Jaridah al Rasmiyyah (Egypt) n184 p885-95; p913-4; n195 p931-42 1966.

TT-66-34853 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 900. 1 Nov 66, 125p. JPRS-38427.
Order from CFSTI or ETC: HC$4.00, MF$1.00
as TT-66-34853

TT-66-34858 Field 5D, 5I

AFRICA: TRANSLATIONS NO. 453. 1 Nov 66, 71p. JPRS-38432.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34858

TT-66-34862 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (10-16 OCT 66): INDEX NO. 337. 1 Nov 66, 9p. JPRS-38436.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34862

Index to contents of la Stampa (Italy) 10-16 Oct 66 and la Stampa Sera (Italy) 10-16 Oct 66.

TT-66-34863 Field 5D

Mujica, H.; Pym, A.; Ponce, A. G.
INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 901. 1 Nov 66, 22p. JPRS-38437.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34863

Trans. from Que (Venezuela) v3 n116 p2, 5, 10, 12-3 1966.

TT-66-34882 Field 5D

IRAN: PRESS INFORMATION REPORT NO. 11. 2 Nov 66, 40p. JPRS-38456.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-34884 Field 5D

NORTH VIETNAM: TRANSLATIONS NO. 55. 2 Nov 66, 21p. JPRS-38458.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34884

TT-66-34890 Field 5D

NEAR EAST: TRANSLATIONS NO. 42. 3 Nov 66, 53p. JPRS-38465.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-34890

Trans. from al Jaridah al Rasmiyyah (Egypt) n144; n181; n182; n194; n201; n205 1966.

TT-66-34898 Field 5D

Pinna, P.; Franchini, F. M.
INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 903. 3 Nov 66, 38p. JPRS-38473.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34898

TT-66-34917 Field 5D

PRAVDA EDITORIAL (1 NOV 66): TRANSLATION NO. 713. 4 Nov 66, 4p. JPRS-38492.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34917

Trans. from Pravda, Moscow (USSR) 1 Nov p1 1966.

TT-66-34921 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 904. 7 Nov 66, 35p. JPRS-38496.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34921

TT-66-34939 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENT: TRANSLATIONS NO. 905. 7 Nov 66, 80p. JPRS-38514.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34939

TT-66-34941 Field 5D, 5C

NORTH KOREA: TRANSLATIONS NO. 19. 7 Nov 66, 83p. JPRS-38516.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34941

Trans. of Kulloja (North Korea) n7 p2-45, 52-64 1966.

TT-66-34943 Field 5D

NEAR EAST: TRANSLATIONS NO. 43. 7 Nov 66, 11p. JPRS-38518.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34943

Trans. from al Hayat (Lebanon) 4 Oct p1-2, 4 1966 and al Quwwat al Musallahah (Egypt) 1 Sep p17-20 1966.

TT-66-34944 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (17-23 OCT 1966): INDEX NO. 338. 7 Nov 66, 8p. JPRS-38519.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34944

Index to contents of la Stampa (Italy) 18-23 Oct 1966 and of la Stampa Sera (Italy) 17 Oct 1966.

TT-66-34952 Field 5D, 5C

Kang Nung-su; Kim Ki-yong; Yi Yun-do; Pak To-su.
NORTH KOREA: TRANSLATIONS NO. 20. 8 Nov 66, 37p. JPRS-38527.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34952

Trans. from Nodong Sinmun (North Korea) 27 Aug p3; 28 Aug p2-3; 30 Aug p2 1966 and Nodongja Sinmun (North Korea) 6 Sep p6; 15 Sep p15; 22 Sep p2 1966.

TT-66-34957 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 906. 8 Nov 66, 39p. JPRS-38532.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34957

TT-66-34968 Field 5D

Formanek, M.; Albertz, H.
POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 238. 8 Nov 66, 21p. JPRS-38543.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34968

Trans. of Nova Mysl (Czechoslovakia) v20 n15 p15-6 1966 and der Spiegel (West Germany) 24 Oct p72;, 75-6, 78, 80, 82, 85 1966.

TT-66-34973 Field 5D

Charles, P.; Muller-Vuarnoz, L.; Bulliard, G.; Saltarelli, F.
INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 907. 8 Nov 66, 31p. JPRS-38548.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34973

Trans. of l'Etincelle (Switzerland) v3 n22 p1-4, 6, 8-9, 11 1966 and Nuova Unitas (Italy) v3 n10 p1, 4, 6 1966.

TT-66-34978 Field 5D

NEAR EAST: TRANSLATIONS NO. 44. 8 Nov 66, 19p. JPRS-38553.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34978

TT-66-35030 Field 5D

Le Hao.
SOUTH AND EAST ASIA: TRANSLATIONS NO. 135. 14 Nov 66, 17p. JPRS-38605.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-35030

Trans. from Angkatan Bersendjata (Indonesia) 26 Sep p3; 27 Sep p3; 28 Sep p3; 29 Sep p3; 30 Sep p3 1966 and Quan Doi Nhan Dan (North Vietnam) 7 Sep p4 1966.

F. Humanities

TT-66-33636 Field 5F, 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 366. 24 Aug 66, 16p. JPRS-37207.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33636

TT-66-34903 Field 5F

Chernous, N.
ILLEGAL ACTIVITIES OF BAPTIST GROUP. 3 Nov 66, 7p. JPRS-38478.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34903

Trans. from Sovetskaya Moldaviya (USSR) 15 Sep p4 1966.

TT-66-34980 Field 5F

Om H-sok; Choe Il-ryung,; Kim Ch-myong.
NORTH KOREA: TRANSLATIONS NO. 21. 8 Nov 66, 24p. JPRS-38555.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34980

Trans. from Munhak Sinmun (North Korea) 16 Sep p1, 4; 20 Sep p1 1966.

I. Personnel selection, training and evaluation

TT-66-21813 Field 5I

Alekseev, O. L.
THE APPLICATION OF THE TEACHING OF PROGRAMMING IN SCHOOLS FOR THE BLIND WHEREBY SPECIAL TEACHING MACHINES ARE USED. 27p (foreign text included) DTC-97.
Order from ETC, SLA, or DTC: $2.60 as TT-66-21813

Unedited draft trans. of mono. Primenenie Programmirovannogo Obucheniya v Shkolakh Slepykh s Ispolzovaniem Spetsialnykh Obuchayushchikh Mashin, Sverdlovsk, 1964 19p.

TT-66-33609 Field 5I, 5C

USSR LABOR: TRANSLATIONS NO. 122. 24 Aug 66, 44p. JPRS-37180.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33609

TT-66-33613 Field 5I

SOVIET EDUCATION: TRANSLATIONS NO. 37. 24 Aug 66, 21p. JPRS-37184.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33613

TT-66-33618 Field 5I

SOVIET EDUCATION: TRANSLATIONS NO. 38. 24 Aug 66, 22p. JPRS-37189.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33618

TT-66-33619 Field 5I, 5C

USSR LABOR: TRANSLATIONS NO. 123. 24 Aug 66, 21p. JPRS-37190.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33619

TT-66-33761 Field 5I, 5D

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 369. 30 Aug 66, 20p. JPRS-37332.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33761

TT-66-34644 Field 5I

Yuvsyukov, Yu.; Styrov, P.; Emelyanov, A.
USSR LABOR: TRANSLATIONS NO. 136. 18 Oct 66, 31p. JPRS-38217.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34644

Trans. from Voprosy Ekonomiki (USSR) n3 p63-74, 140-3 1966 and Ekonomicheskaya Gazeta (USSR) n17 p29 1966.

TT-66-34686 Field 5I

SOVIET EDUCATION: TRANSLATIONS NO. 55. 20 Oct 66, 29p. JPRS-38260.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34686

TT-66-34748 Field 5I

SOVIET EDUCATION: TRANSLATIONS NO. 56. 26 Oct 66, 32p. JPRS-38322.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34748

TT-66-34798 Field 5I

PROSPECTS OF CORRESPONDENCE AND EVENING HIGHER EDUCATIONAL INSTITUTIONS IN THE USSR. 28 Oct 66, 7p. JPRS-38372.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34798

Trans. from Izvestiya (USSR) 15 Sep p5 1966.

TT-66-34820 Field 5I, 2B

Dergachev, A.; Yakovleva, T.
ARTICLE DEPLORES USE OF CHILD LABOR IN KIRGIZ COTTON AND TOBACCO FIELDS.
31 Oct 66, 5p. JPRS-38394.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34820

Trans. from Komsomolskaya Pravda (USSR)
11 Oct p2 1966.

TT-66-34896 Field 5I

USSR LABOR: TRANSLATIONS NO. 142. 3 Nov 66, 42p. JPRS-38471.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34896

TT-66-34922 Field 5I

Samokhvalova, T.
EXHIBIT OF TEACHING MACHINES. 7 Nov 66, 6p. JPRS-38497.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34922

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TT-66-34926 Field 5I

Sonin, M.; Maslova, N.
USSR LABOR: TRANSLATIONS NO. 143. 7 Nov 66, 38p. JPRS-38501.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34926

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TT-66-34969 Field 5I

Kravic, V.
SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 387. 8 Nov 66, 32p. JPRS-38544.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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Trans. of Durzhaven Vestnik (Bulgaria) n76 3p 1966 and Finansije (Yugoslavia) n7/8 p321-40 1966.

TT-66-34970 Field 5I

Nguyen Dinh Thiem,; Hong Giang.
NORTH VIETNAM: TRANSLATIONS NO. 59. 8 Nov 66, 15p. JPRS-38545.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. from Tien Phong (North Vietnam) 14 Aug p3; 21 Aug p2 1966 and l' Humanite (France) 29 Sep p3 1966.

TT-66-34987 Field 5I

Khabin, R.
AN EVALUATION OF PROGRAMMED INSTRUCTION.
9 Nov 66, 5p. JPRS-38562.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34987

Trans. from Pravda Vostoka (USSR) 21 Aug p3 1966.

TT-66-34988 Field 5I

Lozhechnikov, E.
THE STATUS OF PROGRAMMED INSTRUCTION IN THE BELORUSSIAN SSR. 9 Nov 66, 5p.
JPRS-38563.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34988

Trans. from Svoetskaya Belorussiya (USSR)
18 Aug p2 1966.

TT-66-35020 Field 5I

DEVELOPMENTS IN SOVIET EDUCATIONAL INSTITUTIONS AND SCIENTIFIC ORGANIZATIONS.
10 Nov 66, 34p. JPRS-38595.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-35020

TT-66-35031 Field 5I

Choi Chae-O,; Ch'oe Hi-taek,; Paek Ch'ang-bong.
NORTH KOREA: TRANSLATIONS NO. 23. 14 Nov 66, 18p. JPRS-38606.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-35031

Trans. of Nodong Ch'ongnyon (North Korea) 25 Sep p2, 3 1966 and Inmin Kyoyuk (North Korea) n3 p16-7 1966.

TT-66-59009/1 Field 5I

Pavicevic, S.; Moracic, D.
SELECTED BIBLIOGRAPHY OF YUGOSLAV EDUCATIONAL MATERIALS, VOL. 2, NO. 1, 1966. Tr. by Mihailo Markovic and Lazar Stanojevic. 1966, 48p.
SFCSI-HEW(TT-66-59009/1).
Order from CFSTI: $2.00 as TT-66-59009/1

J. Psychology (Individual and group behavior)

TT-66-62072 Field 5J, 6P

THE JOURNAL OF HIGHEST NERVOUS ACTIVITY, VOL. 12, NO. 1; SELECTED ARTICLES. 22 Apr 66, 72p, 31refs. FTD-MT-65-308; AD-637 376.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as AD-637 376

Edited machine trans. of Zhurnal Vysshei Nervnoi Deyatelnosti (USSR) v12 n1 p7-36, 128-34 1962.

K. Sociology

TT-66-33663 Field 5K, 5F

AFRICA: TRANSLATIONS NO. 422. The Bwiti, Initiation Society Among the Apindji People in Gabon. 25 Aug 66, 44p, refs. JPRS-37234.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-33687 Field 5K, 9B

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CRIMINOLOGICAL DISTINCTION OF SIMILAR HANDWRITINGS BY MEANS OF COMPUTERS. 26 Aug 66, 8p. 1ref. JPRS-37258.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Akademiya Nauk SSSR. Doklady, v167 n5 p1008-11 1966.

TT-66-33743 Field 5K

PRAVDA EDITORIALS (24 AUG 66): TRANSLATIONS NO. 673. 29 Aug 66, 5p. JPRS-37314.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33743

TT-66-33746 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 368. 30 Aug 66, 27p. JPRS-37317.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33746

TT-66-34665 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 382. 19 Oct 66, 50p. JPRS-38239.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34665

06 BIOLOGICAL AND MEDICAL SCIENCES

A. Biochemistry

TT-66-13032 Field 6A, 6O

Moiraghi, A.; Moiraghi, P.; Sansalvadore, F.
ON THE SUBJECT OF THE CONCENTRATION OF COLISTIN (COLIMYCIN) IN THE ORGANS (Au Sujet de la Concentration de la Colistine (Colimycine) dans les Organes). 7p.
Order from SLA: $1.10 as TT-66-13032

Trans. from International Congress of Chemotherapy (no. 3) Stuttgart, 22-17 July 63. Proceedings, v1, Stuggart, 1964 p297-301.

TT-66-13154 Field 6A

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CHOLESTEROL, PHOSPHATIDES, AND FATTY,ACID CONTENT OF THE ORGANS OF RATS WITH EXP. PRODUCED HEPATOMAS. 5p.
Order from SLA: $1.10 as TT-66-13154

Trans. of Gann (Japan) v32 n2 p100-6 1938.

TT-66-13198 Field 6A, 6O

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BIOLOGICAL DETERMINATION OF COLISTIN USING AN AUTOMATIC APPARATUS (Dosage Biologique de la Colistine a l' Aide d'un Appareillage Automatique). 11p, 8refs.
Order from SLA: $1.60 as TT-66-13198

Trans. of Annales Pharmaceutiques Francaises, v23 p117-24 1965.

TT-66-13366 Field 6A

Yoshida, Y.; Yoshida, S.
AN EXTRACTION PROCEDURE FOR RAPID DETERMINATION OF BORON IN PLANT TISSUES. 14p, 5refs.
Available on loan from SLA as TT-66-13366

Trans. of Nihon Dojo Hiryogaku Zasshi (Japan) v36 n3 p45-8 1965.

TT-66-13388 Field 6A

Fassati, P.; Maresova, Z.; Passati, M.
THE DETERMINATION OF BILIRUBIN IN URINE BY AID OF THE ICTOTEST. 9p (figs omitted).
Order from SLA: $1.10 as TT-66-13388

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TT-66-14092 Field 6A

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HEMOLYSIS BY NON-IONIC SURFACE ACTIVE AGENTS. 31 Aug 66, 6p, 6refs. NIH-9-11-66.
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TT-66-21846 Field 6A

Starshov, P. D.
FLUORIMETRIC DETERMINATION OF THIAMINE, RIBOFLAVIN, 4-PYRIDOXIC ACID AND N(1)-METHYLNICOTINAMIDE IN URINE (O Fluorimetricheskom Opredelenii Tiamina, Riboflavina, 4-Piridoksovoi Kisloty i N(1)-Metilnikotinamida v Moche). 12p. CSIR-tr.538.
Order from CSIR as CSIR-tr.538

Trans. of Laboratornoe Delo (USSR) v8 n6 p37-42 1962.

TT-66-62179 Field 6A, 7D, 14B

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INVESTIGATION OF BIOPOLYMERS WITH THE HELP OF A NEW HIGHLY SENSITIVE PHOTOELECTRIC SPECTROPOLARIMETER. Tr. by Charles T. Ostertag, Jr. Aug 65, 6p. ABL-Trans-1603; AD-638 589.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 589

Trans. of Biofizika (USSR) v10 n2 p347-9 1965.

C. Biology

NCH-202 365 (p.454-459) Field 6C

Mirkin, B. M.; Nazirova, Z. M.; Batalov, A. A.
THE PROBLEMS OF BOTANY AT THE SECOND SCIENTIFIC SESSION OF THE UNIVERSITIES AND INSTITUTES OF VOLGA AREA. May 65, 6p.
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TT-65-20422 Field 6C

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Trans. of Petrogradskii Agronomicheskii Institut. Entomologicheskaya Stantsiya. Seriya 5 (USSR) n1 n.d.

TT-66-12630 Field 6C, 6T

Gonzalez, B. A.
STUDY OF THE FRUIT OF THE PLANT KNOWN AS THE 'CAPULINCILLO' RHAMNUS HUMBOLDITIANA (KARWINSKIA HUMBOLDITIANA). Doctoral Thesis. Tr. by P. DePorte. 21 Sep 65, 19p, 22refs. NIH-9-22-65.
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TT-66-62186 Field 6E, 6M

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TT-66-62187 Field 6E

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NCH-206 349 Field 6F

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Order from TIDC: $125.00

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Order from SLA: $1.60 as TT-66-13126

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J. Industrial (occupational) medicine

TT-66-12588 Field 6J, 9C

Osypka, P.
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Order from SLA: $1.60 as TT-66-12588

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L. Medical and hospital equipment

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N. Personnel selection and maintenance (medical)

TT-66-33800 Field 6N

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O. Pharmacology

NCH-205 493 Field 6O, 6E

Jeanneret, J. P.
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Order from ATS: $5.50 as ATS-59T92F

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Order from SLA: $1.60 as TT-66-13163

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TT-66-13164 Field 6O, 6E

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TT-66-13165 Field 6O, 6E

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Order from SLA: $1.60 as TT-66-13176

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TT-66-13177 Field 6O

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Order from SLA: $3.60 as TT-66-13186

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TT-66-13187 Field 6O, 6M

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Order from SLA: $1.60 as TT-66-13187

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TOLERANCE OF COLISTIN METHANE SULFONATE IN PATIENTS WITH CHRONIC RENAL INSUFFICIENCY, CONCERNING SIX OBSERVATIONS OF NEURO-PSYCHIC PROBLEMS WHICH OCCURRED DURING TREATMENT (La Tolerance au Methane Sulfonate de Colistine chez les Insuffisants Renaux Chroniques a Propos de Six Observations de Troubles Neuro-Psychique Survenus en Cours de Traitement). Doctoral Thesis. 34p, 33refs.
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TT-66-13196 Field 6O, 6E

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TT-66-13556 Field 6O, 12A, 9B

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THE USE OF PROGRAMMED DIGITAL COMPUTERS FOR THE SOLUTION OF SPECIAL CHEMOTHERAPEUTIC PROBLEMS. Tr. by J. Chapin. 21 Jul 66, 20p, 34refs. NIH-7-17-66.
Order from SLA: $1.60 as TT-66-13556

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TT-66-33721 Field 6O

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33721

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TT-66-62132 Field 6O, 6M

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TT-66-62157 Field 6O

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P. Physiology

TT-66-12838 Field 6P

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THE WEIGHT OF NEWBORN BABIES. 6 Jun 66, 33p, 18refs. NIH-6-31-66.
Order from SLA: $3.60 as TT-66-12838

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TT-66-13156 Field 6P, 6A

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Order from SLA: $1.60 as TT-66-13166

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TT-66-13157 Field 6P, 6A

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THE CORRELATION BETWEEN CORONARY ARTERIES AND PAPILLARY MUSCLES IN THE HEART (Ueber die Beziehungen Zwichen Koronararterien und Papillarmuskeln im Herzen). 13p.
Order from SLA: $1.60 as TT-66-13290

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TT-66-13409 Field 6P, 6E

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Order from SLA: $1.60 as TT-66-13409

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TT-66-33255 Field 6P

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07 CHEMISTRY

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USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 17. 20 Oct 66, 12p. JPRS-38253.
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Trans. from Vyshka (USSR) 29 Jul p2 1966 and of Kauchuk i Rezina (USSR) n8 p2-4 1966.
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TT-66-34913 Field 7A, 8I

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COMMUNIST CHINA: SCIENCE AND TECHNOLOGY TRANSLATIONS NO. 348. 4 Nov 66, 10p. JPRS-38486.
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Trans. from Jen Min Jih Pao (Chinese People's Republic) 17 Oct p1 1966 and of Wu Hsien Tien (Chinese People's Republic) n4 p6 1966.

TT-66-34948 Field 7A, 8I, 11F

Mikic, P.; Kostic, E.
EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 319. 8 Nov 66, 21p. JPRS-38523.
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Trans. of Teknika (Yugoslavia) v21 n10 p1719-21, 1805-9 1966.

B. Inorganic chemistry

NCH-206 048 Field 7B

Grubhofer, N.
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Order from NCH: $9.00 as NCH-9004

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Order from SLA: $1.60 as TT-66-12050

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Order from SLA: $1.10 as TT-66-12060

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For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

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ABOUT THE REACTION OF FLUOROSILICATES WITH SEVERAL ORGANIC HALOGEN COMPOUNDS. 14p, 5refs.
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Order from SLA: $1.60 as TT-66-13114

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A NEW SERIES OF ANTIPARASITIC DERIVATIVES OF BENZIMIDAZOLE. 4p.
Order from SLA: $1.10 as TT-66-13436

Trans. of Informations Chimie (France) p58 1965.

TT-66-14153 Field 7C

Sipos, F.
ADVANCES IN ORGANIC SYNTHESIS. VIII. OXIDATION WITH TRIFLUOROPERACETIC ACID. 4p, 12refs.
Order from SLA or ETC: $1.10 as TT-66-14153

Trans. of Chemie (Czechoslovakia) v10 p499-502 1958.

TT-66-14159 Field 7C, 11I

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Order from SLA: $1.60 as TT-66-14159

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Order from SLA or ETC: $1.60 as TT-66-14174

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Order from SLA or ETC: $1.10 as TT-66-14176

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TT-66-14226 Field 7C

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Order from SLA or ETC: $1.10 as TT-66-14226

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TT-66-14257 Field 7C

Mingoja, Q.; Poggi, S.
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Order from SLA: $1.60 as TT-66-14257

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Richter, V. V.
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Order from SLA: $1.10 as TT-66-14284

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Order from SLA: $1.10 as TT-66-14285

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Order from SLA: $1.10 as TT-66-14289

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Order from SLA: $1.10 as TT-66-14290

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Order from SLA: $1.10 as TT-66-14291

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Order from SLA: $1.10 as TT-66-14293

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Order from SLA: $1.10 as TT-66-14294

Trans. of Chemische Berichte (West Germany) v24 p3889-94 1891.

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Zincke, T.
THE ACTION OF CHLORIDE OF LIME AND OF HYPO-CHLOROUS ACID ON QUINONE. 5p, 1ref.
Order from SLA: $1.10 as TT-66-14295

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TT-66-14297 Field 7C

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CONTRIBUTION TO THE KNOWLEDGE OF THE METHOD

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Order from SLA: $1.10 as TT-66-14298

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Order from SLA: $1.10 as TT-66-14302

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Order from SLA: $1.10 as TT-66-14303

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Order from SLA: $1.10 as TT-66-14304

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Order from SLA: $1.10 as TT-66-14307

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PREPARATION OF ORGANIC IODIDES FROM THE CORRESPONDING BROMIDES AND CHLORIDES. 6p, 4refs.
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ON THE ACTION ALKALIES ON GLYOXAL. 7p, 8refs.
Order from SLA: $1.10 as TT-66-14321

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Order from SLA: $1.10 as TT-66-14323

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TT-66-14324 Field 7C

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CHLORINATION OF METHANE. 23p (figs omitted) 38refs.
Order from SLA: $2.60 as TT-66-14324

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Order from SLA: $1.10 as TT-66-14329

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CONCERNING LIGNIN AND CELLULOSE. 10. THE AROMATIC NATURE OF LIGNIN. 16p (some refs omitted) 12refs.
Order from SLA: $1.60 as TT-66-14330

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ON THE PREPARATION AND MANUFACTURE OF ORGANO-MAGNESIUM COMPOUNDS WITHOUT USE OF ETHER. I. ON THE PREPARATION OF BETA-PHENYL-ETHYL ALCOHOL. 11p, 15refs.
Order from SLA: $1.60 as TT-66-14331

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Order from SLA: $1.60 as TT-66-14335

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Order from SLA: $1.60 as TT-66-14336

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SYNTHESIS OF PYRROLIDINE DERIVATIVES WITH ANTI-CHOLINERGIC PROPERTIES. 2: ENAMINE REACTION OF 1-ALKYL-2-METHYL-2-PYRROLINES. 12p, 1ref.
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Gerei, S. V.; Kholyavenko, K. M.; Rubanik, M. Ya.
THE CHEMISORPTION OF ETHYLENE AND OXYGEN UNDER CONDITIONS CLOSE TO CATALYSIS. III. INVESTIGATION OF THE INFRARED SPECTRA OF ETHYLENE CHEMISORBED ON SILVER. 16p, 36refs.
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Terteryan, R. A.; Dintses, I. A.; Rysakov, M. V.
INVESTIGATION OF RADICAL COPOLYMERISATION OF ETHYLENE WITH VINYL ACETATE. 5p.
Order from SLA or ETC: $1.10 as TT-66-14496

Trans. of Neftekhimiya (USSR) v5 n3 p340-6 1965.
Summary and tables only.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-14611 Field 7C

Tronow, B. W.; Ladigina, L. W.
CONCERNING ADHESIVE STRENGTH OF ORGANIC RADICALS TO OXYGEN IN ETHERS. 11p (refs omitted).
Available on loan from SLA as TT-66-14611

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v62 p2844-50 1929.

TT-66-14656 Field 7C

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CHELATOMETRIC DETERMINATION OF PYRIDINE IN COMPLEX COMPOUNDS (Chelatometrische Bestimmung von Pyridin in Komplex-Verbindungen). 3p (foreign text included) 8refs.
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NEW RESEARCHES RELATING TO THE ACTION OF SULPHURIC ACID UPON ACETYLENE. 4p, 3refs.
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TT-66-14682 Field 7C

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SYNTHESIS OF AMINOPHOSPHONIC AND AMINOTHIOPHOSPHONIC ESTERS. 7p, 2refs.
Order from SLA or ETC: $1.10 as TT-66-14682

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Maier, L.
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Order from SLA: $2.60 as TT-66-14687

Trans. of Helvetica Chimica Acta (Switzerland) v46 n7 p2667-76 1963.

TT-66-14688 Field 7C

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Order from SLA: $1.10 as TT-66-14688

Trans. of Helvetica Chimica Acta (Switzerland) v49 n2 p1000-2 1966.

TT-66-14690 Field 7C

Gompper, R.; Schmidt, R. R.; Kutter, E.
KETENE DERIVATIVES. V. OMEGA, OMEGA-BIS-ALKYLMER-CAPTOQUINONEMETHIDES. 29p, 67refs.
Order from SLA: $2.60 as TT-66-14690

Trans. of Justus Liebigs Annalen der Chemie (West Germany) v684 p37-57 1965.

TT-66-14730 Field 7C, 11I

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SYNTHESIS AND STUDY OF POLYCARBONATE FROM 1, 1-DI-(4-HYDROXY-3-METHYL-PHENYL) CYCLOPENTANE AND PHOSGENE. 8p, 7refs.
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Trans. of Vysokomolekulyarnye Soedineniya (USSR) v8 n4 p708-12 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-14790 Field 7C

Andrianov, K. A.; Petrashko, A. I.; Asnovich, E. Z.
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TT-66-14843 Field 7C

Tsuchida, E.; Shinohara, I.; Kanbara, S.
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TT-66-14865 Field 7C

Maier, L.
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Order from SLA: $1.60 as TT-66-14865

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TT-66-14873 Field 7C

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ORGANOPHOSPHORUS COMPOUNDS. 24: PREPARATION AND STRUCTURE OF CHAIN- AND CYCLIC POLYPHOSPHINES. 26p, 40refs.
Order from SLA: $2.60 as TT-66-14873

Trans. of Helvetica Chimica Acta (Switzerland) v49 n3 p1119-30 1966.

TT-66-34959 Field 7C

Kamay, G.; Usacheva, G. M.
STEREOCHEMISTRY OF ORGANIC COMPOUNDS OF PHOSPHORUS AND ARSENIC. 8 Nov 66, 33p, refs. JPRS-38534.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-66-34959

Trans. of Uspekhi Khimii (USSR) v35 n8 p1404-29 1966.

TT-66-34960 Field 7C

Petrov, K. A.; Goltsova, R. G.
TRANSESTERIFICATION OF PHOSPHITES AND PHOSPHINITES BY MONOHYDRIC AND POLYHYDRIC ALCOHOLS AND PHENOLS. 8 Nov 66. 23p, refs. JPRS-38535.
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D. Physical chemistry

NCH-202 377 Field 7D

Khazova, O. A.; Vasilev, Yu. B.; Bagotskii, V. S.
ADSORPTION OF METHANOL ON A SMOOTH PLATINUM ELECTRODE. 1965, 6p. ATS-21S86R.
Order from ATS: $12.50 as ATS-21S86R

Trans. of Elektrokhimiya (USSR) v1 n1 p84-9 1965.

NCH-204 695 Field 7D, 11J

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THE ADSORPTION OF LARGE MOLECULES FROM SOLUTION ON CARRIERS, FILLERS AND PIGMENTS. 1: THE ADSORPTION OF SQUALENE AND SQUALANE ON AEROSILS AND CARBON BLACKS. Feb 66, 6p, 14refs. RAPRA-1298.
Order from RAPRA: $12.00 as RAPRA-1298

Trans. of Kolloidnyi Zhurnal (USSR) v27 n3 p374-8 1965.

NCH-206 041 Field 7D

Boehm, U.; Ibl, N.; Frei, A.M.
NATURAL CONVECTION IN ELECTROLYSES IN NARROW SPACES. 11 Jul 66, 27p. IICH-8993.
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Trans. of Electrochimica Acta (U.S.) v11 p421-34 1966.

NCH-206 046 Field 7D

Simon, A. ; Kollar, L.; Boeroesz, L.
INFORMATION ABOUT THE FORMATION OF STEREOSPECIFIC CATALYSTS. 11 Jul 66, 13p. IICH-9002.

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Trans. of Monatschefte fuer Chemie (Austria) v95 p842-52 1964.

NCH-206 047 Field 7D

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REACTIONS AT THE BRIDGEHEAD OF TRIPTYCENE. 11 Jul 66, 18p. IICH-9003.
Order from IICH: $18.00 as IICH-9003

Trans. of Justus Liebigs Annalen der Chemie (West Germany) v660 p23-33 1962.

NCH-206 054 Field 7D

Fuchs, O.
DETERMINATION OF THE MOLECULAR WEIGHT DISTRIBUTION BY SOLUTION FRACTIONATION. 11 Jul 66, 23p. IICH-9014.
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Trans. of Zeitschrift fuer Elektrochemie (West Germany) v60 p229-36 1956.

NCH-206 057 Field 7D

Riolo, C. B.; Soldi, T.
POTENTIOMETRIC TITRATION OF BASES IN SOCl2 WITH LEWIS ACIDS. 11 Jul 66, 10p. IICH-9023.
Order from IICH: $10.00 as IICH-9023

Trans. of Annali di Chimica (Italy) v50 p1540-6 1960.

NCH-206 068 Field 7D

Stackelberg, M. V.; Mueller, H. R.
SOLID GAS HYDRATES, PT. 2. 11 Jul 66, 42p. IICH-9034.
Order from IICH: $42.00 as IICH-9034

Trans. of Zeitschrift fuer Elektrochemie (West Germany) v58 p25-39 1954.

NCH-206 070 Field 7D

Genvresse, M.P.
AN ISOMER IF DIPHENYLENE DISULFIDE. 11 Jul 66, 18p. IICH-9036.
Order from IICH: $18.00 as IICH-9036

Trans. of Societe Chimique de France. Bulletin, s3 v17 p599-609 1897.

NCH-206 074 Field 7D

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Trans. of Justus Liebigs Annalen der Chemie (West Germany) v646 p65-77 1961.

NCH-206 096 Field 7D

Heyns, K.; Blazejewicz, L.
THE CATALYTIC OXIDATION OF PRIMARY AND SECONDARY HYDROXYL COMPOUNDS WITH OXYGEN WITH A PLATINUM CONTACT IN THE LIQUID PHASE. PT. 14: CATALYTIC OXIDATIONS. 18 Jul 66, 15p. IICH-9087.
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Trans. of Tetrahedron (Gt. Brit.) v9 p67-75 1960.

NCH-206 097 Field 7D

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IR SPECTROSCOPY STUDIES OF COORDINATION COMPOUNDS OF AlH3 AND AlD3 IN THE SOLID AND GASEOUS STATES. Rept. no. 6: On Molecular/Physical Studies Concerning Coordinative Bonds. 18 Jul 66, 32p. IICH-9096.
Order from IICH: $32.00 as IICH-9096

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NCH-206 188 Field 7D

Kunze, F.
THE HYDROLYSIS OF DICHLOROACETIC ACID. 24 Jun 66, 12p. IICH-8918.
Order from IICH: $12.00 as IICH-8918

Trans. of Zeitschrift fuer Physikalische Chemie, Leipzig (East Germany) v188A p99-108 1941.

NCH-206 189 Field 7D

Dupuis, T.
PRECIPITATING AND MEASURING BERYLLIUM IN THE OXIDE STATE. 24 Jun 66, 17p. IICH-8921.
Order from IICH: $17.00 as IICH-8921

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NCH-206 190 Field 7D

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PREPARATIVE METHOD AND QUALITATIVE PROPERTIES OF XENON TETRAFLUORIDE. 24 Jun 66, 7p. IICH-8923.
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Trans. of Helvetica Chimica Acta (Switzerland) v47 p150-4 1964.

NCH-206 193 Field 7D

Grothe, H.
DECOMPOSITION VOLTAGES, LIMITING CURRENT DENSITIES, AND CONDUCTIVITIES OF MELTS CONTAINING ALUMINUM CHLORIDE. 24 Jun 66, 30p. IICH-8930.
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NCH-206 199 Field 7D

Groth, W.; Harteck, P.
ISOTOPE CONCENTRATION IN ULTRICENTRIFUGES WITH HYDROGEN STABILIZATION. 24 Jun 66, 10p. IICH-8942.
Order from IICH: $10.00 as IICH-8942

Trans. of Zeitschrift fuer Elektrochemie (West Germany) v54 p129-32 1950.

NCH-206 221 Field 7D

Dvornik, T.; Herrmann, E.
THE MECHANISM OF THE AGGREGATING EFFECT FLOUR OR STARCH UPON THE DISPERSE SYSTEM OF RED SLIME IN ALUMINATE SOLUTION. 21 Nov 66, 34p. IICH-8973.
Order from IICH: $34.00 as IICH-8973

Trans. of Kolloid-Zeitschrift und Zeitschrift fuer Polymere (West Germany) v128 p75-86 1952.

NCH-206 223 Field 7D

Fruehauf, K.; Burch, W.; Hofmann, U.
THE INFLUENCE OF EXCHANGEABLE CATIONS UPON THE RHEOLOGICAL PROPERTIES AND THE PARTICLE SIZE DISTRIBUTION OF KAOLINITE.
21 Nov 66, 25p. IICH-8976.
Order from IICH: $25.00 as IICH-8976

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NCH-206 229 Field 7D

Trombe, F.; Mahn, F.
STUDY OF THE PREPARATION AND THERMAL DISSOCIATION OF THE ALLOYS OF MAGNESIUM WITH CERIUM, NEODYMIUM, AND GADOLINIUM. 29 Jun 66, 21p. IICH-8983.
Order from IICH: $21.00 as IICH-8983

Trans. of Annales de Chimie (France) v19 p345-61 1944.

NCH-206 268 Field 7D

Ender, C.
CONCERNING KNOWLEDGE OF THE MELANOIDINS.
1966, 45p (figs omitted). K-H-2427.
Order from K-H: $27.00 as K-H-2427

Trans. of Kolloid-Zeitschrift und Zeitschrift fuer Polymer (West Germany) v85 p74-87 1938.

NCH-206 281 Field 7D

Freze, N. A.
DETERMINATION OF CALCIUM BY THE ADSORPTION METHOD OF TITRATION. 1966, 5p (figs omitted). K-H-1244.
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Trans. of Zhurnal Prikladnoi Khimii (USSR) v12 n6 p949-50 1939.

NCH-206 330 Field 7D

Geld, P. V.; Mikulinskii, A. S.; Polyakova, M. S.; Selyanskii, A. F.
REDUCTION OF ALKALI METAL CHLORIDES.
1966, 18p (figs omitted). K-H-1338a.
Order from K-H: $22.50 as K-H-1338a

Trans. of Zhurnal Prikladnoi Khimii (USSR) v20 p800-8 1947.

NCH-206 332 Field 7D

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ELECTROPHORESIS IN TOBACCO. 1966 (figs omitted). K-H-2203c.
Order from K-H: $33.60 as K-H-2203c

Trans. of Il Tobacco (Italy) v54 p128-57, 229-34 1950.

NCH-206 348 Field 7D

Verda, A.; Herzfeld, E.
SIMPLE METHOD FOR RAPID QUANTITATIVE ESTIMATION OF NICOTINE. 1966, 7p (figs omitted). K-H-2320b.
Order from K-H: $7.00 as K-H-2320b

Trans. of Zeitschrift fuer Analytische Chemie (West Germany) v118 p9-13 1939/40.

NCH-206 362 Field 7D

Belov, A. P.; Moiseev, I. I.
OXIDATION OF 1-BUTENE BY PALLADIUM CHLORIDE IN ACETIC ACID. 18 Oct 66, 4p. ATS-10T96R.
Order from ATS: $8.65 as ATS-10T96R

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Khimicheskaya, n1 p139-41 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-11227 Field 7D

Novikov, I. I.; Sheludyakov, E. P.
CALCULATION OF THE VOLUMETRIC CONCENTRATIONS OF DOUBLE MOLECULES IN SATURATED AND SUPERHEATED MERCURY VAPORS BASED ON EXPERIMENTAL DATA ON THE SPEED OF SOUND (Raschet Obemnykh Kontsentratsii Dvoinykh Molekul v Nasyshchennykh i Peregretykh Parakh Rtuti po Eksperimentalnym Dannym o Skorosti Zvuka). 6p (foreign text included) 2refs.
Order from SLA: $1.10 as TT-66-11227

Trans. of Zhurnal Prikladnoi Mekhaniki i Teoreticheskoi Fiziki (USSR) n4 p168-9 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-12283 Field 7D

Sotnikov, V. S.; Belanovskii, A. S.
ADSORPTION OF SOME METAL IONS FROM WATER ON A GERMANIUM SURFACE. 9p, 6refs.
Order from SLA: $1.10 as TT-66-12283

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v35 n3 p509-12 1961.

TT-66-14109 Field 7D, 20F

Nikitine, S.; Reiss, R.
QUALITATIVE STUDY OF THE TRANSMISSION SPECTRA OF THIN LAYERS OF CuI AT 77K, AS A FUNCTION OF THE THICKNESS OF THE LAYERS (Etude Qualitative du Spectre Transmis par des Lames Minces de CuI a 77K, en Fonction de leur Epaisseur). Tr. by F. D. Jones. Jan 66, 8p, 4refs. UCRL-Trans-10002.
Order from SLA: $1.10 as TT-66-14109

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v244 p1478-81 1957.

TT-66-14110 Field 7D, 20F

Nikitine, S.; Reiss, R.
STUDY OF THE ABSORPTION AND EMISSION OF A VERY THIN LAYER OF CuI AT 4.2K (Etude de l'Absorption et de l'Emission d'une Lame Tres Mince de CuI a 4.2K). Tr. by F. D. Jones. Jan 66, 5p, 5refs. UCRL-tr-10003.
Order from SLA: $1.10 as TT-66-14110

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v244 p2788-91 1957.

TT-66-14231 Field 7D

Mecke, R.; Spiesecke, H.
THE INFRARED AND RAMAN SPECTRUM OF HIGHLY

SYMMETRIC MOLECULES WITH A UROTROPINE STRUCTURE. 6p, 5refs.
Order from SLA: $1.10 as TT-66-14231

Trans. of Chemische Berichte (West Germany) v88 p1997-2002 1955.

TT-66-14322 Field 7D

Rast, K.
AN IMPROVEMENT ON THE BARGER METHOD OF MOLECULAR WEIGHT DETERMINATION. 14p, 5refs.
Order from SLA: $1.60 as TT-66-14322

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TT-66-14473 Field 7D

Huefner, S.
HYPERFINE STRUCTURE SPLITTING IN HOLMIUM ETHYLSULFATE. 9p, 11refs. IS-Trans-11.
Order from SLA: $1.10 as TT-66-14473

Trans. of Zeitschrift fuer Physik (West Germany) v172 p512-9 1963.

TT-66-14478 Field 7D

Stackelberg, M. v.; Pilgram, M.; Toome, V.
DETERMINATION OF DIFFUSION COEFFICIENTS OF SOME IONS IN AQUEOUS SOLUTION IN THE PRESENCE OF FOREIGN ELECTROLYTES. 1. Tr. by C. Cornell. Apr 65, 20p, 10refs. AI-Trans-86.
Order from SLA: $1.60 as TT-66-14478

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TT-66-14483 Field 7D, 7C

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INFLUENCE OF THE LIGHT ABSORPTION OF ORGANIC DYES BY EXTERAL ELECTRIC FIELDS. II. EXPERIMENTAL INVESTIGATIONS ON POLYENES. Tr. by P. Hajdu. 13 Sep 66, 5p, 8refs. NIH-9-12-66.
Order from SLA: $1.10 as TT-66-14483

Trans. of Helvetica Chimica Acta (Switzerland) v44 n2 p457-60 1961.

TT-66-14491 Field 7D

Perny, G.; Laville-St-Martin, B.
MECHANISM OF ADHESION ON SILICON SUBSTRATES OF THIN FILMS OBTAINED BY REACTIVE CATHODE SPUTTERING. 8p, 12refs.
Order from SLA: $1.10 as TT-66-14491

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v260 n14 p3949-52 1965.

TT-66-14518 Field 7D, 7C

Abas-zade, A. K.; Guseinov, K. D.
THE THERMAL CONDUCTIVITY OF SATURATED HYDROCARBONS AT HIGH TEMPERATURES AND PRESSURES. 7p, 11refs.
Order from SLA: $1.10 as TT-66-14518

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v11 n2 p54-7 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-14544 Field 7D

Philippoff, W.
EFFECT OF AGGREGATION (MICELLE FORMATION) ON THE VISCOSITY VALUE. 16p, 15refs.
Order from SLA: $1.60 as TT-66-14544

Trans. of Kolloid-Zeitschrift und Zeitschrift fuer Polymere (West Germany) v100 p320-7 1942.

TT-66-14545 Field 7D

Philippoff, W.
ON THE MOST SUITABLE REPRESENTATION OF THE VISCOSITY, ESPECIALLY OF COLLOIDS. 8p, 17refs.
Order from SLA: $1.10 as TT-66-14545

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TT-66-14605 Field 7D, 7C

Martin, H.; Mueller, F. H.
THE HEAT OF TRANSFORMATION OF p, p' -AZOXYANISOLE IN THE LIQUID-CRYSTALLINE TO LIQUID TRANSITION. 6p, 5refs.
Order from SLA: $1.10 as TT-66-14605

Trans. of Kolloid-Zeitschrift und Zeitschrift fuer Polymere (West Germany) v187 n2 p107-9 1963.

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Yokota, R.
NON-CLASSICAL NUCLEATION THEORY AND PHASE SEPARATION DUE TO SPINODAL DECOMPOSITION. 25p (foreign text included) 20refs.
Order from SLA or ETC: $2.60 as TT-66-14606

Trans. of Yogyo Kyokaishi (Japan) v74 n4 p101-8 1966.

TT-66-14619 Field 7D, 11F

Badum, E.; Beckmann, J.; Weintz, R.
EFFECT OF DIRECT CURRENT ON THE BEHAVIOR OF A 'SEMICONDUCTING' CORROSION PROTECTING SHEATH. 17p (some figs not reproducible).
Order from SLA: $1.60 as TT-66-14619

Trans. of F und G Rundschau (West Germany) n44 p149-55 1959.

TT-66-14628 Field 7D

Dickel, G.
ABOUT NEW POSSIBILITIES OF ISOTOPE SEPARATION BY MEANS OF ION EXCHANGERS. 7p (figs omitted) 2refs.
Order from SLA: $1.10 as TT-66-14628

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TT-66-14670 Field 7D

Hirsch-Ayalon, P.
CURRENT-VOLTAGE MEASUREMENTS ON THE

BaSO-CELLOPHANE MEMBRANCE. 12p (figs omitted) 2refs.
Order from SLA: $1.60 as TT-66-14670

Trans. of Electrochimica Acta (U. S.) v10 p773-82 1965.

TT-66-14676 Field 7D, 11I

Isemura, T.; Yamashita, T.
POLYMERS AND SURFACE CHEMISTRY. 30p, 62refs.
Order from SLA or ETC: $2.60 as TT-66-14676

Trans. of Kagaku (Japan) v20 n6 p552-62 1965.

TT-66-14683 Field 7D

Sotnikov, V. S.; Belanovskii, A. S.
ADSORPTION OF SOME METAL IONS FROM ELECTROLYTES WHEN ETCHING GERMANIUM, SILICON, AND QUARTZ IN THEM. 11p, 8refs.
Order from SLA or ETC: $1.60 as TT-66-14683

Trans. of Akademiya Nauk SSSR. Doklady, v162 n5 p1105-8 1965.

TT-66-14792 Field 7D

Kubshinnikov, I. M.; Panchenkov, G. M.
THE KINETICS OF WATER SORPTION ON ALUMINO SILICA GEL. 5p, 8refs.
Order from SLA or ETC: $1.10 as TT-66-14792

Trans. of Moscow Univ. Vestnik. Seriya 2: Khimiya (USSR) v17 n4 p16-8 1962.
Free copies available from Joseph Crosfield and Sons, Ltd., Warrington, England. When supply is exhausted, order from SLA at cost of reproduction.

TT-66-62588 Field 7D

Konyukhov, V. K.; Prokhorov, A. M.
POPULATION INVERSION IN ADIABATIC EXPANSION OF A GAS MIXTURE. Tr. by Simon Kassel.
12 Sep 66, 6p, 6refs. ATD-TT-115; AD-641 863.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-641 863

Trans. of Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki. Pisma v Redaktsiya (USSR) v3 n11 p436-9 1966.
For another listing of this journal see 'Translated or Abstracted Publications', in TT Vol. 16, No. 4. Trans. of Foreign Scientific and Technical Literature.

E. Radio and radiation chemistry

NCH-206 182 Field 7E, 7C

Schneider, C.; Herz, J.
THE RADIATION CHEMICAL FORMATION OF KETENE IMINE GROUPS IN THE LOW TEMPERATURE POLYMERIZATION OF ACRYLONITRILE. 24 Jun 66, 18p. IICH-8904.
Order from IICH: $18.00 as IICH-8904

Trans. of Makromolekulare Chemie (Switzerland) v73 p128-40 1964.

NCH-206 186 Field 7E

Geiger, W.
THE RADIATION CHEMISTRY OF ANTHRACENE SOLUTIONS IN AROMATIC HYDROCARBONS.
24 Jun 66, 6p. IICH-8915.
Order from IICH: $6.00 as IICH-8915

Trans. of Atompraxis (West Germany) v7 p465-7 1961.

NCH-206 283 Field 7E

Freytak, H.
THE PHOTOCHEMISTRY OF PYRIDINE AND ITS DERIVATIVES. 1966, 52p (figs omitted). K-H-1467b.
Order from K-H: $31.20 as K-H-1467b

Trans. of Photographische Korrespondenz (Austria) v73 p17-24, 37-40, 57-62 1937.

TT-66-14560 Field 7E, 18B

Belyaev, B. N.; Gvozdev, B. A.; Gudov, V. I.; Kalyamin, A. V.; Krizhanskii, L. M.
STUDY OF GAMMA-SPECTRA AND IDENTIFICATION OF NEUTRON-DEFICIENT ISOTOPES OF OSMIUM (Izuchenie Gamma-Spektrov i Identifikatsiya Neitronodefitsitnykh Izotopov Osmiya). 24p (foreign text included) 11refs.
Order from SLA: $2.60 as TT-66-14560

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, v30 n7 p1150-8 1966.

08 EARTH SCIENCES AND OCEANOGRAPHY

A. Biological oceanography

TT-65-50374 Field 8A

Ropelewski, A.
THE COMMON PORPOISE (PHOCAENA PHOCAENA L.) AS A BY-CATCH IN POLISH BALTIC FISHERIES (Morswin (Phocaena Phocaena L.) Jako Przylow w Polskim Rybolowstwie Baltyckim). 1966, 12p, 12refs.
SFCSI-Int(TT-65-50374).
Order from CFSTI: $1.00 as TT-65-50374

Trans. of Morski Instytut Rybacki. Prace (Poland) v17 n9 p427-37 1957.

TT-66-34804 Field 8A, 8C, 8J

Kiselev, O. N.
EXPLORING THE POTENTIAL OF THE OCEAN.
28 Oct 66, 8p (figs omitted). JPRS-38378.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34804

Trans. of Sovetskii Voin (USSR) n13 p30-1 1966.

B. Cartography

TT-66-62542 Field 8B

Sbanek, M.
PHOTOGRAMMETRIC PLOTTING INSTRUMENTS (Fotogrammetricke Vyhodnocovaci Pristoje). Oct 66, 16p.
ERDL-T-1878-66; AD-641 276.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-641 276

Trans. of Geodeticky a Kartograficky Obzor (Czechoslovakia) n12 (54) p45-8 1966.

C. Dynamic oceanography

TT-66-34809 Field 8C

Gatsenko, B. M.
THE THEORETICAL FOUNDATIONS OF A METHOD OF MEASURING CURRENT WITH THE EMIT WHILE A SHIP IS TURNING. 28 Oct 66, 62p, 14refs.
JPRS-38383.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34809

Trans. of Dalnevostochnyi Nauchno-Issledovatelskii Gidrometeorologicheskii Institut. Trudy (USSR) n20 p110-41 1965.

TT-66-34831 Field 8C

Krylov, S. I.
THE FREQUENCY SPECTRUM OF SHORT-PERIOD FLUCTUATIONS OF SEA WATER TEMPERATURE. 31 Oct 66, 9p, 8refs. JPRS-38405.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34831

Trans. of Meteorologiya i Gidrologiya (USSR) n8 p42-5 1966.

D. Geochemistry

TT-66-14409 Field 8D

Osichkina, R. G.
CHEMICAL COMPOSITION OF WATER INSOLUBLE RESIDUES OF AGRILLACEOUS INCLUSIONS IN SALT ROCKS OF TYUBEGATANSK DEPOSITS (O Khimicheskom Sostave ne Rastvorimykh v Vode Ostatkov i Glinistykh Vkliochenii v Solvanykh Porodakh Tyubegatanskogo Mestorozhdeniya). 9p (foreign text included) 7refs.
Order from SLA or ETC: $1.10 as TT-66-14409

Trans. of Akademiya Nauk Uzbekskoi SSR, Tashkent. Doklady, v22 n7 p29-32 1965.

TT-66-14415 Field 8D

Krejci-Graf, K.; Klein, K.; Kreher, A.; Rosswurm, H.; Wenzel, G.
EXPERIMENTS REGARDING THE GEOCHEMICAL FACIES-DIAGNOSIS. 53p, 85refs.
Order from SLA: $5.60 as TT-66-14415

Trans. of Chemie der Erde (East Germany) v24 n2 p115-46 1965.

TT-66-14419 Field 8D, 8G

Motovilov, P. I.
STUDY OF PLANT REMAINS IN PETROLEUM. 10p, 22refs.
Order from SLA or ETC: $1.10 as TT-66-14419

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii Geologo-Razvedochnyi Institut. Trudy. Paleofitologicheskii Sbornik (USSR) n.s. n239 p259-66 1964.

E. Geodesy

TT-66-34962 Field 8E, 22B

Polezhaev, A. P.
USE OF ARTIFICIAL EARTH SATELLITES FOR GEODESY. 8 Nov 66, 32p. JPRS-38537.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34962

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Geodeziya i Aerofotosemka (USSR) n2 p27-48 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-62581 Field 8E

Molodenskii, M. S.; Eremeev, V. F.
Balborodin, A. L.; Pellinen, L. P.
RESEARCH IN GEODETIC GRAVIMETRY (Issledovaniya po Geodezicheskoi Gravimetrii). Tr. by George Synenko.
Aug 66, 138p, 14refs. ACIC-TC-1043; AD-641 753.
Order from CFSTI or ETC: HC$4.00, MF$1.00
as AD-641 753

Trans. of Tsentralyni Nauchno-Issledovatelskii Institut Geodezii Aerosemki i Kartografii. Trudy (USSR) v86 96p 1951.

TT-66-62585 Field 8E

Yurkina, M. I.; Krotkov, E. I.
ON CORRECTIONS FOR GRAVITY DURING LEVELING IN A HIGH-MOUNTAIN REGION (O Popravkakh za Silu Tyazhesti pri Nivelirovanii v Vysokogornom Raione). Tr. by D. Shalikashvili. Oct 66, 10p, 6refs. ACIC-TC-1133; AD-641 757.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-641 757

Trans. of Geodeziya i Kartografiya (USSR) n10 p3-7 1965.

F. Geography

TT-65-50143 Field 8F, 8L

Bugaev, V. A., ed.
ANTARCTICA: COMMISSION REPORT 1963.
Tr. by N. Kaner. 1966, 174p, refs.
SFCSI-NSF(TT-65-50143).
Order from CFSTI: $5.00 as TT-65-50143

Trans. of mono. Antarktika. Doklady Komissii 1963, Moscow, 1964.

TT-66-34894 Field 8F

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 71. 3 Nov 66, 7p. JPRS-38469.

Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34894

Abstract trans. of Ti Li Hsueh Pao (Chinese People's Republic) v32 n2 p95-179 1966.

TT-66-62584 Field 8F

Trofimov, A. M.
GRAVITATIONAL DEVELOPMENT OF SLOPES (O Gravitatsionnom Razvitii Sklonov). Tr. by John M. Willis. Oct 66, 6p. ACIC-TC-1129; AD-641 756.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-641 756

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Geologiya i Razvedka (USSR) v9 n7 p30-1 1966.

G. Geology and mineralogy

NCH-206 036 Field 8G

Malinovskii, Yu. M.
ON THE PROBLABLE DEPENDENCE OF GEOLOGICAL PROCESS ON THE TIME OF THE GALACTIC YEAR. 1966, 4p.
Order from TA: $5.00

Trans. from Soveshchanie po Problemam Planetologii (no. 5) 10-15 May 1965. Tezisy Dokiedov, Leningrad, 1965 205p.

NCH-206 037 Field 8G, 8F

Ustritskii, V. I.
ON THE LOCATION OF THE GEOGRAPHICAL NORTH POLE IN THE LATE PALEOZOIC ERA ACCORDING TO PALEONTOLOGICAL DATA. 1966, 2p.
Order from TA: $3.00

Trans. from Soveshchanie po Problemam Planetologii (no. 5) 10-15 May 1965. Tezisy Dokladov, Leningrad, 1965 205p.

NCH-206 075 Field 8G

Pichler, H.; Kioussis, D.; Maehner, K.
STUDIES ON PROCESSING OIL SHALE IN VIEW OF THE POSSIBILITY OF OBTAINING MONTAN WAX, PARAFFIN, AND LUBRICATING OIL. 11 Jul 66, 27p. IICH-9041.
Order from IICH: $27.00 as IICH-9041

Trans. of Brennstoff-Chemie (West Germany) v43 p161-8 1962.

NCH-206 351 Field 8G, 3B

Voronov, P. S.
MORPHOMETRIC ANALYSIS OF THE MEGARELIEF AS AN INDEX OF CERTAIN PROCESSES IN THE INTERIOR OF THE EARTH AND OTHER PLANETS OF THE EARTH GROUP. 1966, 3p.
Order from TA: $4.50

Trans. from Soveshchanie po Problemam Planetologii (no. 5) 10-15 May 1965. Tezisy Dokladov, Leningrad, 1965 205p.

NCH-206 352 Field 8G

Lungersgauzen, G. F.
ON THE CONTEMPORARY GEOLOGICAL ERA AND ITS PROBABLE ANALOGS IN THE HISTORY OF THE EARTH. 1966, 4p.
Order from TA: $4.50

Trans. from Soveshchanie po Problemam Planetologii (no. 5) 10-15 May 1965. Tezisy Dokiedov, Leningrad, 1965 205p.

TT-65-50126 Field 8G, 4B, 8M, 8F, 8B, 2C

Sibirtsev, N. M.
SOIL SCIENCE. Vol. 1 of Selected Works. 1966, 384p. SFCSI-Agr(TT-65-50126).
Order from CFSTI: $7.00 as TT-65-50126

Trans. of mono. Pochvovedenie Moscow, 1951 472p.

TT-66-14161 Field 8G

Becher, A.
STUDY OF THE CLAY MINERAL DISTRIBUTION FROM THE MARGIN OF THE SEDIMENTARY BASIN TO THE CENTER OF THE SAME WITHIN THE NEW RED SANDSTONE OF NORTH-EASTERN BAVARIA. 64p, 46refs.
Order from SLA: $6.60 as TT-66-14161

Trans. of Beitraege zur Mineralogie und Petrographie (West Germany) v11 p586-613 1965.

TT-66-14406 Field 8G

Ronov, A. B.
A VOLUMETRIC METHOD FOR STUDYING THE OSCILLATORY MOVEMENTS OF THE EARTH'S CRUST. 25p, 14refs.
Order from SLA or ETC: $2.60 as TT-66-14406

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Geologicheskaya, n1 p35-52 1949. Paper presented at the Conference on Problems of Tectonics, 10 - 15 May 48, at the Division of Geological and Geographical Sciences, Academy of Sciences USSR.

TT-66-14410 Field 8G, 8D

Kropachev, A. M.; Kropacheva, T. S.; Khursik, V. Z.
ACCESSORY ELEMENTS IN SOLIKAMSK AND IUREZAN-SYLVINSKAYA DEPRESSION HALITITES. 5p, 4refs.
Order from SLA or ETC: $1.10 as TT-66-14410

Trans. of Sovetskaya Geologiya (USSR) v8 n8 p157-9 1965.

TT-66-14411 Field 8G

Rumyantseva, N. N.
THE EFFECT OF CLAY CONTENT ON THE RELATIVE RESISTIVITY OF SANDY-ARGILLACEOUS ROCKS. 7p, 3refs.
Order from SLA: $1.10 as TT-66-14411

Trans. of Neftegazovaya Geologiya i Geofizika (USSR) n6 p40-4 1965.

TT-66-14472 Field 8G

Miskovsky, J.
POLLUCITE FROM PUKLICE NEAR JIHLAVA. 4p, 13refs. IS-Trans-10.
Order from SLA or ETC: $1.10 as TT-66-14472

Trans. of Moravske Museum, Brno. Casopis. Vedy Prirodni (Czechoslovakia) v40 p89-92 1955.

TT-66-34738 Field 8G, 11G

Chukhrov, F. V.
BIOGRAPHIES OF SOVIET SCIENTISTS ALEKSEI IVANOVICH TSVETKOV AND NIKOLAI PAVLOVICH GORDEEV. 25 Oct 66, 9p. JPRS-38312.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Geologicheskaya, n5 p131-2 1966 and Ogneupory (USSR) v31 n6 p64 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-34786 Field 8G, 8D

Barabanov, V. F.
ALL UNION CONFERENCE ON MINERALOGY, GEOCHEMISTRY AND THE GENESIS OF TUNGSTEN DEPOSITS IN THE USSR (NO. 1). 27 Oct 66, 7p. JPRS-38360.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Vsesoyuznoe Mineralogicheskoe Obshchestvo. Zpaiski (USSR) v95 n1 p118-20 1966.

TT-66-34841 Field 8G, 8I

Wojnar, J.
RESEARCH IN THE PETROLEUM INDUSTRY OF THE USSR. 31 Oct 66, 10p, 6refs. JPRS-38415.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34841

Trans. of Nafta (Poland) v22 n7 p213-7 1966.

TT-66-34925 Field 8G

Kovalevskii, S.
OBITUARIES OF EIGHT SOVIET SCIENTISTS. 7 Nov 66, 14p. JPRS-38500.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34925

Trans. of Akademiya Nauk SSSR. Ivestiya. Seriya Geologicheskaya, n7 p132-40 1966.
For another listing of this journal see 'Translated or Abstracted Publications, in TT Vol. 16, No. 4.

TT-66-62582 Field 8G

Shustova, L. E.
ABYSSAL STRUCTURE OF THE BLATIC SHIELD ACCORDING TO GEOPHYSICAL INVESTIGATION DATA (Glubinnoe Stroienie Baltiiskego Shchita po Dannym Geofizicheskich Issledovanii). Tr. by Walter L. Burton. Sep 66, 18p, 20refs. ACIC-TC-1109; AD-641 754.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-641 754

Trans. of Sovetskaya Geologiya (USSR) v9 n5 p47-57 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

H. Hydrology and limnology

TT-65-50368 Field 8H

Filarski, J.
HYDROGRAPHIC OBSERVATIONS IN THE SOUTHERN BALTIC IN 1953-1955 (Obserwacje Hydrograficzne na Poludniowym Baltyku w Latach 1953-1955r). Tr. by M. Hoser. 1966, 18p, 15refs. SFCSI-Int(TT-65-50368).
Order from CFSTI: $1.00 as TT-65-50368

Trans. of Morski Instytut Rybacki. Prace (Poland) n10/a p35-52 1959.

TT-66-34832 Field 8H, 9B

Levin, A. G.; Borshchevskii, E. N.
CHOCIE OF PARAMETERS OF INFLUENCE FUNCTIONS USING AN ANALOG COMPUTER. 31 Oct 66, 5p, 5refs. JPRS-38604.
Order from CFSTI orETC: HC$1.00, MF$0.50
as TT-66-34832

Trans. of Meteorologiya i Gidrologiya (USSR) n8 p35-7 1966.

I. Mining engineering

NCH-206 086 Field 8I

Johnsson, G.; Hofmeister, W.
THE INFLUENCE OF STEMMING UPON THE RESULTS OF EXPLOSIONS WITH EXPLOSIVE BOREHOLES 36 MM IN DIAMETER. 18 Jul 66, 10p. IICH-9063.
Order from IICH: $10.00 as IICH-9063

Trans. of International Symposium on Mining Research, Feb. 1961. Papers, v1, n. p., n. d.

NCH-206 087 Field 8I

Mecir, R.; Valek, D.
THE QUESTION OF THE OPTIMAL DELAY PERIODS IN MILLISECOND DELAY BLASTING IN MINING. 18 Jul 66, 9p. IICH-9064.
Order from IICH: $9.00 as IICH-9064

Trans. of International Symposium on Mining Research, Feb. 1961. Papers, v2, n.p., n.d.

NCH-206 196 Field 8I, 6M

Ito, I.; Wakazono, Y.
STUDIES ON THE SPECIAL BACTERIA IN MINE WATER AND THEIR USES FOR MINING OPERATIONS (I). 24 Jun 66, 17p. IICH-8939.
Order from IICH: $24.00 as IICH-8939

Trans. of Nihon Kogyo Kaishi (Japan) v76 n866 p524-9 1960.

TT-66-14408 Field 8I

Mileshina, A. G.; Safonova, G. I.
FILTRATION OF OILS THROUGH CARBONACEOUS ROCKS. 8p.
Order from SLA or ETC: $1.10 as TT-66-14408

Trans. of Geologiya Nefti i Gaza (USSR) v9 n3 p43-8 1965.

TT-66-14413 Field 8I

Orlinskii, B. M.; Svihushin, N. M.
EFFECT OF DRILLING MUD INVASION ON THE CONFIGURATION OF APPARENT RESISTIVITY CURVES IN THE ZONE OF THE WATER-OIL INTERFACE. 7p, 7refs.
Order from SLA or ETC: $1.10 as TT-66-14413

Trans. of Neftegazovaya Geologiya i Geofizika (USSR) n6 p37-40 1965.

TT-66-14414 Field 8I, 8K

Kunin, N. Ya.; Mikheeva, I. G.
USE OF VARIATION CURVES IN DETERMINING THE RELATION BETWEEN CHANGES IN EFFECTIVE VELOCITY AND DEPTH. 7p, 3refs.
Order from SLA or ETC: $1.10 as TT-66-14414

Trans. of Razvedochnaya i Promyslovaya Geofizika (USSR) n47 p29-34 1963.

TT-66-14416 Field 8I

Ljubic, D.
ANALYSIS OF DATA ON PRESSURE BUILD-UP IN A CLOSED WELL. PT. 2. 26p, 6refs.
Order from SLA or ETC: $2.60 as TT-66-14416

Trans. of Nafta (Yugoslavia) v15 p110-20 1964.

TT-66-14637 Field 8I, 8G

Glasenapp, K. J. von.
EXPERIMENTAL DETERMINATION OF THE PERMEABILITY OF SANDSTONES FOR NaCl-SOLUTIONS UNDER ATMOSPHERIC AND RESERVOIR CONDITIONS. 46p, 19refs.
Order from SLA: $4.60 as TT-66-14637

Trans. of Erdoel und Kohl-Erdgas-Petrochemie (West Germany) v15 n5 p339-46 1962.

J. Physical oceanography

TT-66-14417 Field 8J

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Order from SLA: $3.60 as TT-66-14165

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Mammedov, M.
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THE APPROXIMATION PROBLEM IN FREQUENCY-ASYMMETRICAL BAND-PASS FILTERS, PT 2. 28p, 8refs.
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C. Electronic and electrical engineering

TT-66-12689 Field 9C, 11I

A NEW FOIL OF ELECTRIC INSULATING MATERIAL. 5p.
Order from SLA: $1.10 as TT-66-12689

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TT-66-34920 Field 9C

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D. Information theory

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Libois, L. J.
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Order from SLA: $2.60 as TT-66-14391

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E. Subsystems

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Schroeter, F.
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Order from SLA: $1.60 as TT-66-14621

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10 ENERGY CONVERSION (NON-PROPULSIVE)

TT-66-34680 Field 10-

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TT-66-34845 Field 10-

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A. Conversion techniques

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Order from SLA: $1.10 as TT-66-14612

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Hard Copy available from Bureau of Reclamation, Office of Engineering Reference, Library Branch, Denver, Colo. HC$2.00.

11 MATERIALS

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USSR SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 16. 31 Oct 66, 174p.

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B. Ceramics, refractories and glasses

NCH-206 035 Field 11B

Schwiete, H. E.
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Order from SLA: $6.60 as TT-65-13779

Trans. of Advances in Glass Technology, Washington, 1962, p307-32.
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CONTINUOUS DRAWING OF FINISHED PRODUCTS FROM A VISCOUS OR MOLTEN BATH. 2: REDUCTION OF THE PROBLEM TO EQUATIONS (Le Tirage Continu de Produits Finis d'un Bain Pateux ou en Fusion. 2. Mise en Equation du Probleme). 30p (foreign text included) 3refs.
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A RELATIONSHIP BETWEEN THE BREAKING STRENGTH AND THE RUPTURE CENTER OF GLASS (Sur une Relation entre la Resistance a la Rupture et le Foyer d'Eclatement du Verre). 13p (foreign text included).
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14p (figs omitted) 13refs.
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THE WETTING OF FELDSPAR AND PHONOLITE BY MELTING SODIUM CARBONATE IN THE PRESENCE OF QUARTZ. A PHENOMENOLOGICAL STUDY (Die Benetzung von Feldspat und Phonolith durch Schmelzende Soda bei Gegenwart von Quarz. Eine Phaenomenologische Studie). 7p (foreign text included).
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Order from SLA: $1.10 as TT-66-14827

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VIEWS OF THE MACHINE PREPARATION OF GLASS CONTAINERS (Gedanken zur Maschinellen Fertigung von Hohlglasbehaeltern). 7p (foreign text included) 2refs.
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THE USE OF VULCANIC ROCKS IN GLASS. A HISTORICAL STUDY (Zur Verwendung von Vulkanischen Gesteinen in der Glasschmelze. Eine Geschichtliche Studie). 12p (foreign text included) 7refs.
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REPLICA-AND TRANSMISSION-ELECTRON MICROSCOPY FOR STUDY OF PHASE SEPARATION AND CRYSTALLIZATION IN GLASSES (Replika-und Transmissions-Elektroenmikroskope bei der Untersuchung von Entmischung und Kristallisation in Glaesern). 8p (foreign text included) 19refs.
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Order from SLA: $1.60 as TT-66-14835

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C. Coatings, colorants and finishes

NCH-206 181 Field 11C

Heidelberg, E.
ELECTROSTATIC CHARGES IN THE LACQUER INDUSTRY. 24 Jun 66, 15p. IICH-8903.
Order from IICH: $14.50 as IICH-8903

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NCH-206 192 Field 11C

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Order from IICH: $24.00 as IICH-8927

Trans. of Farbe und Lack (West Germany) v69 p820-7 1963.

E. Fibers and textiles

NCH-206 069 Field 11E

Enders, H.; Pusch, G.
SYNTHETIC RESINS FOR CHLORINE-RESISTANT 'WASH AND WEAR' FINISHING. 11 Jul 66, 31p. IICH-9035.
Order from IICH: $31.00 as IICH-9035

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NCH-206 072 Field 11E

Ruile, H.
WATER PROOFING AND RESIN FINISHING TEXTILES. 11 Jul 66, 16p. IICH-9038.
Order from IICH: $16.00 as IICH-9038

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NCH-206 091 Field 11E

WATERPROOFING AND EXPANDED POLYSTYRENE.
18 Jul 66, 5p. IICH-9068.
Order from IICH: $5.00 as IICH-9068

Trans. of Revue Generale de L'Etancheite et de l'Isolation (France) n53 p3-9 1963.

TT-66-14498 Field 11E, 7C

Rusznak, I. I.; Peter, F.; Dolesch, J.; Gergely, A.
SOME POSSIBILITIES FOR PRACTICAL APPLICATION OF PAPER CHROMATOGRAPHY IN TEXTILE CHEMISTRY.
22p, 9refs.
Order from SLA: $2.60 as TT-66-14498

Trans. of Textil-Praxis (West Germany) v21 n6 p432-9 1966.

TT-66-14499 Field 11E

Mostert, K.; Lechte, W.
RATIONALIZATION POSSIBILITIES IN THE SIZING PLANT: UNIFORM SIZING IN PRACTICAL USE. PT. I.
13p.
Order from SLA: $1.60 as TT-66-14499

Trans. of Textil-Praxis (West Germany) v21 n6 p448-51 1966.

TT-66-14604 Field 11E

Guyonnet, Y.
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Order from SLA: $2.60 as TT-66-14604

Trans. of Chemiefasern (West Germany) v15 n11 p840-5 1965.

TT-66-14674 Field 11E

Wilhelm, G.
COOLING OF A MELT-SPUN FIBER IN THE SPINNING CHAMBER. 52p, 26refs.
Order from SLA: $5.60 as TT-66-14674

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Savinov, V. M.; Sokolov, L. B.
OBTAINING REACTION SYRUPS OF AROMATIC POLYAMIDES SUITABLE FOR THE FORMATION OF FIBERS.
15p, 6refs.
Order from SLA or ETC: $1.60 as TT-66-14879

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TT-66-34840 Field 11E, 13H

Avaev, S. A.
AUTOMATING WOOL WEAVING LOOMS.
31 Oct 66, 7p (figs omitted). JPRS-38414.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34840

Trans. mono. Avtomatizatsiya Tekhnologicheskikh Protsessov Sherstyanoi, Lnyanoi, i Shelkovoi Promyshlennosti, Moscow, 1966 p72-9.
Automating Technological Processes in the Wool, Linen, and Silk Industry.

F. Metallurgy and metallography

NCH-202 231 Field 11F

Brauns, E.; Kalla, U.
THE CORROSION RATE OF STRAIGHT CARBON STEELS IN RURAL, MARINE, AND INDUSTRIAL ATMOSPHERES.
23 Sep 65. BSRA-2177.
Order from BSRA: L5 as BSRA-2177

Trans. of Stahl und Eisen (West Germany) v85 p406 1965.

NCH-204 404 Field 11F, 20B

Pomey, G.
ANISOTROPY OF STEEL SHEET, FORMATION OF PREFERRED ORIENTATIONS AND THEIR EFFECT ON MECHANICAL PROPERTIES. 1965. BISI-4743.
Order from BISI: L9 10s as BISI-4743

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NCH-206 101 Field 11F, 20K

Petershagen, H.
FATIGUE TESTS ON WELDED SHIP STEEL. 1966. BSRA-2388.
Order from BSRA: L5 as BSRA-2388

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NCH-206 142 Field 11F, 13H, 20K

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THE SUSCEPTIBILITY OF MAGNESIUM PRESSURE CASTINGS TO FORM CAVITIES AND CRACKS.
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Order from IICH: $15.00 as IICH-8849

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Baudart, G. A.
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Order from IICH: $9.00 as IICH-8905

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NCH-206 220 Field 11F

Flahaut, J.
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Order from IICH: $3.50 as IICH-8972

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METALLIC VAPOR PRESSURES. A CRITICAL SURVEY ON THE XISTING RESULTS. 1966, 40p (figs omitted). K-H-2953d.
Order from K-H: $24.00 as K-H-2953d

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WEAR AND FRICTION OF STEEL IN THE PRESENCE OF POLYMER POWDERS. 11p, 10refs.
Order from SLA: $1.60 as TT-66-11733

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CONCERNING THE SURFACE PROTECTION OF HIGH-MELTING METALS FOR THE IMPROVEMENT OF THE RESISTANCE TO OXIDATION AT HIGH TEMPERATURES (Ueber den Oberflaechenschutz Hochschmelzender Metalle zur Verbesserung der Zunderbestaendigkeit bei Hohen Temperaturen). 37p (foreign text included).
Order from SLA: $3.60 as TT-66-12416

Trans. of mono. Kaiser Wilhelm Institut fuer Metallforschung, Stuttgart. Rept., 1942.
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Order from SLA: $1.60 as TT-66-14256

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Bastien, P.
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TT-66-14269 Field 11F

Peredelskii, K. V.
INFLUENCE OF BERYLLIUM ON THE CRYSTALLIZATION AND STRUCTURE OF MAGNESIUM ALLOYS. 15p, 9refs.
Order from SLA or ETC: $1.60 as TT-66-14269

Trans. of Aviapromyshlennost (USSR) v6 n4 p27-32 1937.

TT-66-14270 Field 11F

Lugaskov, A. S.
HEAT-TREATMENT OF CAST MAGNESIUM ALLOYS. 22p, 11refs.
Order from SLA or ETC: $2.60 as TT-66-14270

Trans. of Aviapromyshlennost (USSR) v6 n12 p24-32 1937.

TT-66-14273 Field 11F

Schmidt, W.; Schultze, W.
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Order from SLA: $3.60 as TT-66-14273

Trans. from mono. die Korrosion Metallischer Werkstoffe, 2d ed., Lepzig, 1938 p445-77.
Corrosion of Metal Materials.

TT-66-14440 Field 11F

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SEGREGATION PROCESSES IN THE ALUMINUM-SILVER SYSTEM. 19p, 22refs. ORNL-tr-636.
Order from SLA: $1.60 as TT-66-14440

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TT-66-14467 Field 11F

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Order from SLA: $1.60 as TT-66-14467

Trans. of Zeitschrift fuer Metallkunde (West Germany) v28 p340-3 1936.

TT-66-14468 Field 11F, 20L

Pointu, P.; Azou, P.; Bastien, P.
MICROSCOPIC OBSERVATION OF DEFORMATION OF BERYLLIUM IN THE HIGH TEMPERATURE EMBRITTLEMENT ZONE. Tr. by A. L. Monks. June 64, 5p, 4refs. ORNL-tr-138.
Order from SLA: $1.10 as TT-66-14468

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TT-66-14469 Field 11F

Syre, R.; Logerot, J. M.
RECENT ADVANCEMENTS IN THE METALLURGY OF BERYLLIUM. Tr. by A. L. Monks. 30 Jun 64, 12p. ORNL-tr-137.
Order from SLA: $1.60 as TT-66-14469

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TT-66-14495 Field 11F, 9C

Aoyama, Y.
THE CORROSION PRODUCTS OF COPPER ON ELECTRICAL OVERHEAD CONTACT WIRES. 7p (some refs omitted) 1ref.
Order from SLA: $1.10 as TT-66-14495

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THE ELECTROLYTIC PRECIPITATION OF ALUMINUM FROM FORMAMIDE SOLUTIONS. 4p, 5refs.
Order from SLA: $1.10 as TT-66-14523

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ON THE ADVISABILITY OF CHLORINATION OF ALUMINUM AT METALLURGICAL PLANTS.

A DISCUSSION. 6p, 6refs.
Order from SLA: $1.10 as TT-66-14530

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TT-66-14547 Field 11F

Durcansky, V.; Pelzl, R.
ELECTROTHERMAL PRODUCTION OF ALUMINUM ALLOYS: ESPECIALLY OF SILUMIN, UNDER THE CONDITIONS ENCOUNTERED IN CSSR. PT. II. REFINING OF THE THERMAL AlSi ALLOY. 36p, 51refs.
Order from SLA: $3.60 as TT-66-14547

Trans. of Hutnicke Listy (Czechoslovakia) v18 n7 p489-99 1963.

TT-66-14553 Field 11F

Oda, N.
RESEARCH ON THE ELIMINATION OF IRON AND TITANIUM FROM IMPURE ALUMINUM, PT 3. 11p, 2refs.
Order from SLA: $1.60 as TT-66-14553

Trans. of Denki Kagaku (Japan) v18 p268-71 1950.

TT-66-14618 Field 11F

Mueller, W. J.; Biberschick, W.
THEORY OF CORROSION PHENOMENA. THE 'DIFFERENCE EFFECT' ON ZINC IN 0.2 N. HCl. 6p.
Order from SLA: $1.10 as TT-66-14618

Summary trans. of Korrosion und Metallschutz (Germany) v17 n3 p77-98 1941.

TT-66-14643 Field 11F

Culberston, J.; Fowler, R. M.
RAPID ANALYSIS OF STAINLESS STEEL. 7p (figs formulae tables refs omitted).
Order from SLA: $1.10 as TT-66-14643

Trans. of Metallurgie et la Construction Mecanique (France) v88 n4 p359-65 1956.

TT-66-14850 Field 11F

Oelsen W.; Middel, W.
THE DESULFURIZATION OF PIG IRON WITH ALKALIES. 57p (figs omitted) 29refs.
Order from SLA: $5.60 as TT-66-14850

Trans. of Kaiser-Wilhelm-Institut fuer Eisenforschung, Duesseldorf. Mitteilungen (Germany) v21 p27-55 1939.

TT-66-34781 Field 11F, 13H

Bushel, R.; Danilov, F.; Vavilov, V.; Zolotov, B.
USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 27. 27 Oct 66, 26p. JPRS-38355.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34781

Trans. of Ekonomika Sovetskoi Ukrainy (USSR) n5 p15-22 1966 and from Ekonomicheskaya Gazeta (USSR) n34 p7, 10, 39 1966.

TT-66-34792 Field 11F, 13H

USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 28. 27 Oct 66, 15p. JPRS-38366.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Metallurgicheskaya i Gornorudnaya Promyshlennost (USSR) n3 p3-5, 89-92 1966.

TT-66-34796 Field 11F, 13H

SOVIET RESEARCH ON TITANIUM ALLOYS: SELECTED ARTICLES. 28 Oct 66, 35p, refs. JPRS-38370.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-34999 Field 11F

Kreshchanovskii, N. S.; Vorontsov, V. N.; Serdyukov, B.L.; Stasyuk, G. F.; Chiviksin, Ya. E.
STEEL CASTING AND FOUNDRY WORK IN THE USSR. 9 Nov 66, 34p, JPRS-38574.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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Trans. of mono. Vsesoyuznaya Konferentsiya Liteishchikov (no. 18), Moscow, 1966 p16-36, 61-71.

TT-66-62593 Field 11F, 11C

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NEW FINDINGS ON ANODIC OXIDATION OF ALUMINUM (Neuere Erkenntnisse und Erfahrunden: Ueber Verschiedene Variationen der Anodischen Oxydation des Aluminiums). Jun 66, 13p.
AERDL-T-1853-66; AD-641 932.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Aluminium (West Germany) v39 n7 p424-8 1963.

TT-66-62594 Field 11F, 13H

Kuzenkova, M. A.; Kislyi, P. S.
INVESTIGATION OF THE OXIDATION RESISTANCE OF ZIRCONIUM BORIDE-MOLYBDENUM DISILICIDE ALLOYS (Issledovanie Okalinostoikosti Splavov Borida Tsirkoniya s Disilitsidom Molibdena). Tr. by Bartholomew Poplawskii. 30 Aug 66, 9p, 5refs. ATD-66-73; AD-641 930.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Poroshkovaya Metallurgiya (USSR) v5 n10 p75-9 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4. Translations of Foreign Scientific and Technical Literature.

G. Miscellaneous materials

NCH-206 380 Field 11G, 11H

Schober, J.
FIRE-RESISTANT HYDRAULIC FLUIDS. 18 Oct 66, 9p. ATS-91T95G.
Order from ATS: $15.50 as ATS-91T95G

Trans. of Brown Boveri Mitteilungen (Switzerland) v53 n1/2 p142-8 1966.

I. Plastics

NCH-204 694 Field 11I

Hagen, E.; Friedrich, G.
CONTRIBUTION TO THE ANALYTICAL CHEMISTRY OF PLASTICS. 25: ANALYTICAL EXAMINATION OF THE COMPOSITION OF COMBUSTION GASES OF VARIOUS PLASTICS MOULDING MATERIALS. Feb 66, 13p, 12refs. RAPRA-1299.
Order from RAPRA: $6.00 as RAPRA-1299

Trans. of Plaste und Kautschuk (East Germany) v12 n4 p215-8 1965.

NCH-204 698 Field 11I, 13A

Ferenczy, G.; Tomobry, T.
PLASTIC VENTILATION DUCTS. Jan 66, 9p. RAPRA-1295.
Order from RAPRA: $12.00 as RAPRA-1295

Trans. of Muanyag (Hungary) v2 n5 p145-8 1965.

NCH-206 077 Field 11I

Vollmert, B.
THE STRUCTURE OF IMPACT RESISTANT POLYSTYRENES. 11 Jul 66, 23p. IICH-9043.
Order from IICH: $23.00 as IICH-9043

Trans. of Festschrift Karl Wurster zum 60. Geburtstag, 1960 p231-47.

NCH-206 090 Field 11I

Greth, A.
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Order from IICH: $12.00 as IICH-9067

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NCH-206 184 Field 11I

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Order from IICH: $11.00 as IICH-8906

Trans. of Kunststoff-Rundschau (West Germany) v11 p270-2 1964.

NCH-206 194 Field 11I

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THE SECONDARY NUCLEAR FORMATION IN POLYETHYLENE SPHERULITES. 24 Jun 66, 11p. IICH-8932
Order from IICH: $11.00 as IICH-8932

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TT-66-14333 Field 11I, 11J

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ON HIGHLY POLYMERIZED COMPOUNDS. 94. ON AN INSOLUBLE POLY-STYROL. 18p, 27refs.
Order from SLA: $1.60 as TT-66-14333

Trans. of Chemische Berichte (West Germany) v67 p1164-72 1934.

TT-66-14352 Field 11I, 11E

Scheller, H.
CONSIDERATIONS ON THE CONTINUOUS PRODUCTION OF POLYETHYLENE TEREPHTHALATE (POLYESTER). 12p.
Order from SLA: $1.60 as TT-66-14352

Trans. of Chemiefasern (West Germany) v15 n12 p923-8 1965.

TT-66-14430 Field 11I

Rafikov, S. R.; Chih P'ing Hsui.
CHEMICAL CHANGES IN POLYMERS. 9p, 9refs.
Order from SLA or ETC: $1.10 as TT-66-14430

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For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-14434 Field 11I

Smirnova, O. V.; Kolesnikov, G. S.; Vlasova, V. A.; Nadir, R. K.
THE SYNTHESIS AND INVESTIGATION OF THE PROPERTIES OF POLY(URETHANE-CARBONATE) BASED ON THE 4-(2-(4-HYDROXYPHENYL)ISOPROPYL)PHENYL ESTER OF HEXAMETHYLENEDICARBAMIC ACID AND PHOSGENE (Sintez i Issledovanie Svoistv Poliuretankarbonata na Osnove 4-(2-(4-Oksifenil)Izopropil)Fenilovogo Efira Geksametilendikarbaminovoi Kisloty i Fosgena). 23p (foreign text included) 5refs.
Order from SLA or ETC: $2.60 as TT-66-14434

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v8 n1 p146-52 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-14437 Field 11I

Dondos, A.
REACTIONS OF SUBSTITUTION, OF METALLATION, OF GRAFTING AND OF DOUBLE GRAFTING ON MACROMOLECULAR CHAINS. PHYSICOCHEMICAL STUDY OF PRODUCTS. 6p.
Order from SLA: $1.10 as TT-66-14437

Trans. of Peintures, Pigments, Vernis (France) v41 n9 p553-4 1965.

TT-66-14517 Field 11I

Matsuoka, K.; Takemoto, K.; Imoto, M.
COPOLYMERIZATION OF VINYL CHLORIDE WITH PROPYLENE AND ISOBUTYLENE. 18p, 12refs.
Order from SLA: $1.60 as TT-66-14517

Trans. of Kogyo Kagaku Zasshi (Japan) v68 n10 p1941-7 1965.

TT-66-14533 Field 11I

Chapiro, A.; Mankowski, Z.
GRAFTING OF METHYL METHYL METHACRYLATE AND ACRYLONITRILE ON PRE-IRRADIATED POLYVINYL CHLORIDE FILMS. 13p, 7refs.
Order from SLA: $1.60 as TT-66-14533

Trans. of European Polymer Journal (England) v2 n2 p163-71 1966.

TT-66-14536 Field 11I

Ueda, K.; Kadonaga, M.
PROPERTIES OF POLYETHYLENE-VINYL CHLORIDE GRAFT POLYMER. 13p, 10refs.
Order from SLA: $1.60 as TT-66-14536

Trans. of Kobunshi Kagaku (Japan) v23 p165-71 1966.

TT-66-14546 Field 11I

Pezzin, G.; Pagliari, A.
DYNAMIC-MECHANICAL PROPERTIES OF POLYVINYL CHLORIDE AND ITS MIXTURES WITH AN ACRYLONITRILE-BUTADIENE-STYRENE TERPOLYMER MEASURED WITH A FORCED VIBRATION SYSTEM. 24p, 55refs.
Order from SLA: $2.60 as TT-66-14546

Trans. of la Chimica e l'Industria (Italy) v48 p458-65 1966.

TT-66-14554 Field 11I, 7E

Izumi, M.; Suzuki, F.; Yuri, T.
STUDIES ON IRRADIATION EFFECTS OF POLYVINYL CHLORIDE AND SOME APPLICATIONS FOR WIRE INSULATION. 27p, 30refs.
Order from SLA: $2.60 as TT-66-14554

Trans. of Sumitomo Denki (Japan) n90 p44-52 1965.

TT-66-14555 Field 11I, 7E

Kadonaga, M.; Ueda, K.
GAS-PHASE GRAFTING OF VINYL CHLORIDE ON POLYETHYLENE BY GAMMA-RAY IRRADIATION. 21p, 9refs.
Order from SLA: $2.60 as TT-66-14555

Trans. of Kobunshi Kagaku (Japan) v21 p657-65 1964.

TT-66-14647 Field 11I

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THE MECHANISM OF STABILIZATION OF POLYVINYL-CHLORIDE WITH BORIC ACID AND INORGANIC BORATES. 9p, 21refs.
Order from SLA or ETC: $1.10 as TT-66-14647

Trans. of Materiale Plastice (Rumania) v2 n4 p199-201 1965.

TT-66-14671 Field 11I

Balakirskaya, V. L.; Shtarkman, B. P.
STATISTICAL ANALYSIS OF THE RELATION BETWEEN THE PROPERTIES OF SUSPENSION POLYVINYL CHLORIDE POWDER. 9p, 7refs.
Order from SLA or ETC: $1.10 as TT-66-14671

Trans. of Plasticheskie Massy (USSR) n1 p47-50 1966.

TT-66-14761 Field 11I

Akazome, G.; Sakai, S.; Choshi, Y.; Murai, K.
COPOLYMERIZATION OF HIGHER ALKYL VINYL ETHERS. IV. COPOLYMERIZATION WITH VINYL CHLORIDE AND PROPERTIES OF COPOLYMERS. 12p, 5refs.
Order from SLA or ETC: $1.60 as TT-66-14761

Trans. of Kobunshi Kagaku (Japan) v17 p478-81 1960.

TT-66-14848 Field 11I

Sakurada, I.; Sakaguchi, Y.; Yamaguchi, K.
SUSPENSION POLYMERIZATION OF VINYL ACETATE WITH ALPHA, ALPHA -AZO-BISISOBUTYRONITRILE AS A CATALYST. 13p, 8refs.
Order from SLA or ETC: $1.60 as TT-66-14848

Trans. of Kobunshi Kagaku (Japan) v20 n220 p491-5 1963.

TT-66-14883 Field 11I

Leilich, K.
THE ACTION OF PLASTICIZERS ON POLYVINYL CHLORIDE. 12p, 13refs.
Order from SLA: $1.60 as TT-66-14883

Trans. of Kolloid-Zeitschrift und Zeitschrift fuer Polymere (West Germany) v99 p107-13 1942.

J. Rubbers

NCH-206 088 Field 11J

Luck, W., Wesslau, H.
MONODISPERSE LATEXES AS CRYSTAL MODELS. 18 Jul 66, 16p. IICH-9065.
Order from IICH: $16.00 as IICH-9065

Trans. of Festschrift Carl Wurster zum 60. Geburtstag, 1960 p279-92.

K. Solvents, cleaners and abrasives

TT-66-14541 Field 11K

Dumanskii, A. V.; Demchenko, P. A.
INVESTIGATION OF THE VISCOSITY OF CONCENTRATED SOLUTIONS OF SODIUM SOAP. 5p, 2refs.
Order from SLA: $1.10 as TT-66-14541

Trans. of Akademiya Nauk URSR, Kiev. Dopovidi, p135-7 1951.

TT-66-14543 Field 11K

Hess, K.
X-RAY AND VISCOSIMETRIC INVESTIGATION OF SOAP SOLUTIONS. 20p, 20refs.
Order from SLA: $1.60 as TT-66-14543

Trans. of Fette Seifen Anstrichmittel (West Germany) v49 p81-8 1942.
Paper presented at the Working Meeting of the Committee on Fat Chemistry of the Verein Deutscher Chemiker, Berlin, 14 Nov 41.

TT-66-14548 Field 11K

Nonaka, M.
PROPERTIES OF SOAP. NO. 5. VISCOSITY OF SOAP SOLUTIONS AND EFFECT OF ELECTROLYTES. 7p.
Order from SLA: $1.10 as TT-66-14548

Trans. of Kogyo Kagaku Zasshi (Japan) v30 p221-5 1927.

TT-66-14549 Field 11K

Nonaka, M.
PROPERTIES OF SOAP. NO. 7. VISCOSITY AND WATER CONTENT OF SOAP SOLUTIONS. 10p.
Order from SLA: $1.10 as TT-66-14549

Trans. of Kogyo Kagaku Zasshi (Japan) v30 p828-35 1927.

TT-66-14866 Field 11K

Oldenroth, O.
COMPOSITION AND BEHAVIOR OF WASH DIRT.
I. 19p, 25refs.
Order from SLA: $1.60 as TT-66-14866

Trans. of Fette Seifen Anstrichmittel (West Germany) v61 n11 p1142-9 1959.

L. Wood and paper products

TT-66-14645 Field 11L

Racynska, Z.
DECORATIVE LAMINATES. 9p (figs omitted).
Order from SLA: $1.10 as TT-66-14645

Trans. of Zellstoff und Papier (East Germany) v14 n11 p327-30 1965.
Paper presented at the International Scientific-Technical Meeting of the Pulp and Paper Industry Technical Division (no. 10) Weimar, 20-22 Oct 64.

TT-66-35032 Field 11L, 5A

Le Huy Con,; Nguyen Cong Trinh,; Nguyen Van Sich.
NORTH VIETNAM: TRANSLATIONS NO. 61. 14 Nov 66, 17p, JPRS-38607.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-35032

Trans. of Ky Thuat Cong Nghiep Nhe (North Vietnam) p16-22 Aug 1966 and from Quan Doi Nhan Dan (North Vietnam) 21 Sep p2 1966.

12 MATHEMATICAL SCIENCES

TT-66-34899 Field 12-

Mihoc, Gh.
ACTIVITIES OF THE CENTER FOR MATHEMATICAL STATISTICS. 3 Nov 66, 4p. JPRS-38474.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34899

Trans. of Viata Economica (Rumania) v4 n37 p5 1966.

TT-66-34901 Field 12-, 9D, 6D

Kazakov, D.; Bokarev, V.
SCIENTIFIC AND PHILOSOPHICAL APPLICATION OF CYBERNETICS IN MILITARY SCIENCE.
3 Nov 66, 19p, 7refs. JPRS-38476.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34901

Trans from Krasnaya Zvezda (USSR) 1 Sep p2-3; 28 Sep p2-3; 29 Sep p2-3; 30 Sep p2-3 1966.

A. Mathematics and statistics

TT-66-11021 Field 12A

Akhiezer, N.
EXTREMAL PROPERTY OF RATIONAL FUNCTIONS.
15p, 4refs.
Order from SLA: $1.60 as TT-66-11021

Trans. of Matematychnoe Tovaristvo ta Ukrainskii Instytut Matematychnykh Nauk, Kharkov. Zapiski (USSR) v4 p38-45 1933.

TT-66-12520 Field 12A

Richard, U.
SEQUENCES OF STATIONARY VALUES OF THE SOLUTIONS OF LINEAR DIFFERENTIAL EQUATIONS OF THE SECOND ORDER. 19p, 11refs.
Order from SLA: $1.60 as TT-66-12520

Trans. of Turin Univ. Seminario Matematico. Rendiconti (Italy) v9 p309-24 1949/50.

TT-66-34817 Field 12A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 62. 31 Oct 66, 11p. JPRS-38391.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34817

Abstract trans. of Shu Hsueh T'ung Pao (Chinese People's Republic) n8 p2-51 1965.

TT-66-34849 Field 12A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 63. 1 Nov 66, 11p. JPRS-38423.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34849

Abstract trans. of Shu Hsueh T'ung Pao (Chinese People's Republic) n11 p2-52 1965.

TT-66-34940 Field 12A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 68. 7 Nov 66, 21p. JPRS-38515.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34940

Abstract trans. of Shu Hsueh Hsueh Pao (Chinese People's Republic) v15 n1 158p 1965 and Shu Hsueh T'ung Pao (Chinese People's Republic) n12 p2-47, 52 1966.
For another listing of Shu Hsueh Hsueh Pao (Chinese People's Republic) see TT v16 n4.

13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

NCH-206 052 Field 13A

Seiffer, K.
THE INSULATION OF THE COLD STORAGE

WAREHOUSE IN EINSIEDLERHOF. 11 Jul 66, 4p. IICH-9012.
Order from IICH: $4.00 as IICH-9012

Trans. of Kaeltetechnik (West Germany) v11 p202-3 1959.

TT-66-14567 Field 13A

Tittor, W.
BRODLIN OIL-CARBURETION BURNER. 10p, 6refs.
Order from SLA: $1.10 as TT-66-14567

Trans. of Oel und Gas (West Germany) n4 p28, 30-2, 35 1962.

B. Civil engineering

TT-66-14642 Field 13B

ROAD GUARD TESTS. 10p.
Order from SLA: $1.10 as TT-66-14642

Trans. of Statens Vaginstitut, Stockholm. Special rept. (Sweden) n4 suppl 2 1958.

TT-66-14882 Field 13B

Grigoreva, K. V.
ATMOSPHERIC AIR POLLUTION BY MALEIC ANHYDRIDE. 10p, 9refs.
Order from SLA or ETC: $1.10 as TT-66-14882

Trans. of Gigiena i Sanitariya (USSR) v29 n3 p8-11 1964.
For another listing of this journal see Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-51159/6 Field 13B

STAUB REINHALTUNG DER LUFT IN ENGLISH, VOL. 26, NO. 6, 1966. Hygiene Effects and Control of Dusts, Fogs, Gases, Vapors, Radioactive Particles. Tr. by D. Ben-Yaakov. 1966, 32p, refs.
SFCSI-HEW(TT-66-51159/6).
Order from CFSTI: $2.00 as TT-66-51159/6

Trans. of technical articles and patent sections from Staub (West Germany) v26 n6 1966.
Also available on subscription $24.00/yr.

C. Construction equipment, materials and supplies

NCH-206 180 Field 13C

Peter, S.; Alscher, N.
THE RESISTANCES OF CEMENTS USED IN DEEP WELL DRILLING TO UNDERGROUND WATER AND TO ACIDS. 24 Jun 66, 21p. IICH-8901.
Order from IICH: $21.00 as IICH-8901

Trans. of Erdoel Zeitschrift (Austria) v79 p381-7 1963.

TT-66-34221 Field 13C

Chirkin, N.; Grigorev, S.; Popov, M.
USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 24. 23 Sep 66, 19p. JPRS-37793.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34221

Trans. from Ekonomicheskaya Gazeta (USSR) n33 p12, 19 1966 and Trud, Moscow (USSR) 5 Aug p2 1966.

TT-66-34704 Field 13C

Rodin, Yu.; Zaremba, B.; Velichkin, I.; Kolomeets, A.; Parfenov, V.
USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACNINERY, AND BUILDING MATERIALS NO. 28. 21 Oct 66, 23p. JPRS-38278.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34704

Trans. of Ekonomika Stroitelstva (USSR) n7 p16-24, 56-7 1966 and from Pravda, Moscow (USSR) 7 Aug p2 1966.

TT-66-34780 Field 13C

Moro, M.; Tomsen, A.; Mikhailov, K.; Alekhin, D.
USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 29. 27 Oct 66, 25p. JPRS-38354.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34780

Trans. from Stroitelnaya Gazeta (USSR) 4 Sep p2; 25 Sep p2-4 1966 and Ekonomicheskaya Gazeta (USSR) n37 p21 1966.

TT-66-34783 Field 13C

COMMUNIST CHINESE SCIENTIFIC ABSTRACT: ENGINEERING AND EQUIPMENT NO. 56. 27 Oct 66, 13p. JPRS-38357.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34783

Abstract trans. of Chien Chu Ts'ai Liao Kung Yeh Chi Shu (Chinese People's Republic) n5 p1-54 1966.

TT-66-34838 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 30. 31 Oct 66, 37p. JPRS-38412.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34838

TT-66-34929 Field 13C

USSR INDUSTRIAL DEVELOPMENT: COSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 31. 7 Nov 66, 28p. JPRS-38504.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34929

TT-66-34931 Field 13C

Chubarov, G. S.; Lesnykh, M. V.
USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 32. 7 Nov 66, 24p. JPRS-38506.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34931

Trans. of Stroitelnye i Dorozhnye Mashiny (USSR) n8 p3-4 1966 and Stroitelnye Materialy (USSR) n8 p9-13 1966.

E. Couplings, fittings, fasteners and joints

NCH-206 381 Field 13E, 11F

Raedeker, W.
THE DESIGNERS'S INFLUENCE ON CORROSION RESISTANCE OF WELDED JOINTS. 18 Oct 66, 9p. ATS-95T95G.
Order from ATS: $13.50 as ATS-95T95G

Trans. of Chemie-Ingenieur-Technik (West Germany) v38 n4 p417-22 1966.

F. Ground transportation equipment

TT-66-14267 Field 13F

Keinert.
PROGRESS IN THE APPLICATION OF ELEKTRON METAL AND HYDRONALIUM IN AUTOMOBILE CONSTRUCTION. 20p (figs omitted).
Order from SLA: $1.60 as TT-66-14267

Trans. of ATZ Automobiltechnische Zeitschrift (West Germany) v37 n9 p250-6 1934.

TT-66-14433 Field 13F, 8L

Skaven-Haug, S.
BARK AS A FROST INSULATOR IN THE GROUND (Bark som Frostisolering i Jord). 14p (foreign text included).
Order from SLA: $1.60 as TT-66-14433

Trans. of Norsk Skogindustri (Norway) v18 p283-6 1964.

TT-66-34564 Field 13F, 13J, 5C

Nikolic, B.; Jankovic, J.
EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 476. Yugoslavia. Oct 66, 37p. JPRS-38137.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34564

Trans. of Jugoslovenski Pregled, v10 n4 p135-42 1966 and Opstina (Yugoslavia) v16 n6 p12-8 1966.

TT-66-34751 Field 13F, 2C

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 24. 26 Oct 66, 21p. JPRS-38325.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34751

Trans. from Pravda, Moscow (USSR) 29 Jul p3, 30 Jul p2 1966 and Ekonomicheskaya Gazeta (USSR) n34 p6, 38 1966.

TT-66-34821 Field 13F, 9B

Feofanov, N. A.; Puzina, A. A.
COMPUTER ENGINEERING IN RAILROAD TRANSPORTATION. 31 Oct 66, 15p. JPRS-38395.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34821

Trans. of mono. Vychislitelnaya Tekhnika na Zheleznodorozhnom Transporte, Moscow, 1965 p16-23, 170-8.

TT-66-34833 Field 13F, 4B

Melnik, D. M.
METEOROLOGICAL SERVICING OF RAILROAD TRANSPORTATION. 31 Oct 66, 7p, 4refs. JPRS-38407.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34833

Trans. of Meteorologiya i Gidrologiya (USSR) n8 p33-5 1966.

TT-66-34837 Field 13F, 2C

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 25. 31 Oct 66, 31p. JPRS-38411.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34837

TT-66-34871 Field 13F, 2C

Cherkasskii, M.; Godik, M.; Kabo, L.; Kashuba, B.; Vangeli, M.
USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 26. 2 Nov 66, 32p. JPRS-38445.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34871

Trans. of Selskii Mekhanizator (USSR) n8 p1-5, 28-9 1966 and from Sovetskaya Moldaviya (USSR) 27 Sep p2 1966.

TT-66-34937 Field 13F, 2C

Borodin, P. D.; Kriger, A. M.
USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 27. 7 Nov 66, 27p. JPRS-38512.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34937

Trans. of Avtomobilnaya Promyshlennost (USSR) v32 n9 p1-2, 9-15 1966.

TT-66-34951 Field 13F

USSR TRANSPORTATION: TRANSLATIONS NO. 151. 8 Nov 66, 36p. JPRS-38526.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34951

TT-66-34955 Field 13F, 2C

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 28. 8 Nov 66, 28p. JPRS-38530.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34955

TT-66-34967 Field 13F, 2C

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 29. 8 Nov 66, 20p. JPRS-38542.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34967

G. Hydraulic and pneumatic equipment

NCH-204 666 Field 13G, 10A

Held, W.
HUB STAGNATION CORES DUE TO INERTIA SEPARATION IN AXIAL COMPRESSOR STAGES (Nabentotwasser durch

Traegheitsabloesung in Axialverdichterstufen). 1966, 15p (foreign text included) 12refs. NEL-Trans-1789.
Order from NLL

Trans. of Forschung auf dem Gebiete des Ingenieurwesens (West Germany) v31 n4 p115-8 1965.

TT-66-51001 Field 13G, 20D, 13K

Idelchik, I. E.
HANDBOOK OF HYDRAULIC RESISTANCE: COEFFICIENTS OF LOCAL RESISTANCE AND OF FRICTION. Tr. by A. Barouch. 1966, 525p, refs. SFCSI-AEC(TT-66-51001); AEC-tr-6630.
Order from CFSTI: $8.28 as AEC-tr-6630

Trans. of mono. Spravochnik po Gidravlicheskim Soptotiveniyam. Koeffitsienty Mestnykh Soprotivlenii i Soprotivleniya Treniya, Moscow/Leningrad, 1960.

H. Industrial processes

NCH-204 051 Field 13H

Oliva, L. A.
AUTOMATIC CONTROL OF THE PLATE MILL. 1966. BISI-4533.
Order from BISI: L5 as BISI-4533

Trans. of Boll. Tec. Finsider (sic) n217 p295-303 1965.

NCH-204 052 Field 13H

Bazuro, R.
140' PLATE MILL AND AUXILIARIES. 1965. BISI-4534.
Order from ATS: L5 as BISI-4534

Trans. of Boll. Tec. Finsider (sic) n217 p281-94 1965.

NCH-204 681 Field 13H, 11F

Zidek, M.
THE INFLUENCE OF THE ALPHA PHASE ON THE CONDITIONS OF HOT ROLLING OF STAINLESS AUSTENITIC STEEL. Jan 66, 26p (foreign text included) 25refs. Trans-66/23.
Order from NLL

Trans. of Hutnicke Listy (Czechoslovakia) v20 n9 p637-44 1965.

NCH-206 102 Field 13H, 20K

Lieris, H. de.
FATIGUE AND WELDING. 1966. BSRA-2389.
Order from BSRA: L5 as BSRA-2389

Trans. of Soudage et techniques Connexes (France) v17 p253 Jul/Aug 1963.

NCH-206 179 Field 13H

Wittmoser, S.
FULL MOLD CASTING WITH GASIFIABLE MODELS. 24 Jun 66, 35p. IICH-8900.
Order from IICH: $35.00 as IICH-8900

Trans. of Giesserei (West Germany) v50 p506-17 1963.

NCH-206 336 Field 13H

Giovannozzi, M.; Verdura, R.
STUDIES ON TOBACCO CURING (NOTE 4: ON THE USE OF INFRARED RAYS FOR DRYING TOBACCO). 1966, 9p (figs omitted). K-H-2203b.
Order from K-H: $5.40 as K-H-2203b

Trans. of Il Tobacco (Italy) v55 n620 p89-93 1951.

TT-66-12857 Field 13H, 11F

Kumagae, K.; Ito, N.; Kuribayashi, Y.; Sakurai, M.
PERMALLOY ELECTRODEPOSITION AND BITTER PATTERNS. 19p, 8refs.
Order from SLA or ETC: $1.60 as TT-66-12857

Trans. of unidentified Japanese publication, p1-17 1965.

TT-66-14238 Field 13H

Kimura, T.; Hirabayashi, H.; Tokuyoshi, M.
CONTINUOUS PRODUCTION OF IRON STRIP FROM METAL POWDER. 11p (figs refs omitted).
Order from SLA or ETC: $1.60 as TT-66-14238

Trans. of Funtai Oyobi Fummatsuyakin (Japan) v10 n14 p172-80 1963.

TT-66-14266 Field 13H

Horn, H. A.
WELDING OF CAST ELEKTRON HOUSINGS. 9p (figs omitted).
Order from SLA: $1.10 as TT-66-14266

Trans. of Autogene Metallbearbeitung (East Germany) v25 n9 p135-8 1932.

TT-66-14268 Field 13H

Kachanov, L.; Dandurov, A.
SPOT WELDING OF ELEKTRON. 16p (figs omitted).
Order from SLA: $1.60 as TT-66-14268

Trans. of Aviapromyshlennost (USSR) v6 n1 p27-33 1937.

TT-66-14452 Field 13H

Aita, R.; Yoshida, K.
ON THE SHAPE OF PARTICLE OF NEUTRAL GRAPHITE PULVERIZED BY THE CUTTER MILL. 20p. LA-tr-66-6.
Order from SLA or ETC: $1.60 as TT-66-14452

Trans. of Tohoku Daigaku Kagakukeisoku Kenkyusho Hokoku (Japan) v11 p141-60 1962.

TT-66-14453 Field 13H

Aita, R.; Yoshida, K.
STUDIES ON THE PULVERIZING OF CRYSTALLINE GRAPHITE. 22p, 6refs. LA-tr-66-5.
Order from SLA or ETC: $2.60 as TT-66-14453

Trans. of Tohoku Daigaku Kagakukeisoku Kenkyusho Hokoku (Japan) v11 p121-39 1962.

TT-66-14455 Field 13H, 13I

Aita, R. Yoshida, K.
ABOUT THE MOTION OF BALLS, MILL CHARGE AND THEIR PULVERIZING EFFECT IN THE BALL MILL. 30p, 6refs. LA-tr-66-11.
Order from SLA or ETC: $2.60 as TT-66-14455

Trans. of Tohoku Daigaku Kagakukeisoku Kenkyusho Hokoku (Japan) v11 p161-88 1962.

TT-66-14456 Field 13H

Aita, R.; Yoshida, K.
PULVERIZING OF NATURAL GRAPHITE PARTICLE BY HAMMER MILL. 8p. LA-tr-66-12.
Order from SLA or ETC: $1.10 as TT-66-14456

Trans. of Hokoku Daigaku Kagaku Keisoku Kenkyusho Hokoku (Japan) v11 p227-34 1962.

TT-66-14607 Field 13H

Timofeev, V. G.
CONTINUOUS PRODUCTION OF GLASS-INSULATED CAST IRON MICROWIRE (Nepreryvnoe Poluchenie Litoi Chugunnoi Mikroprovoloki v Steklyannoi Izolyatsii). 12p (foreign text included) 8refs.
Order from SLA or ETC: $1.60 as TT-66-14607

Trans. of Liteinoe Proizvodstvo (USSR) n1 p10-2 1960.
Trans. in German is available from TIB$1.55 as TT-62-27343, 8p.

TT-66-14693 Field 13H

PRECISION CASTING. 18p. (some figs omitted).
Order from SLA: $1.60 as TT-66-14693

Trans. of Industrie Anzeiger (West Germany) v86 n37 p683-9 1964.

TT-66-62540 Field 13H, 11F

Dyakov, I. G.; Papirov, I. I.; Tikhinskii, G. F.
AGING OF BERYLLIUM-CHROMIUM AND BERYLLIUM-ZIRCONIUM ALLOYS. Tr. by Frances McDowell. 25 Aug 66, 7p, 3refs. ATD-66-104; AD-641 284.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-641 284

Trans. of Fizika Metallov i Metallovedenie (USSR) v21 n5 p785-6 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4, Translations of Soviet-Bloc Scientific and Technical Literature.

I. Machinery and tools

NCH-203 865 Field 13I

Sassenfeld, H.; Walther, A.
JOURNAL BEARING CALCULATIONS. 1965. BSRA-2245.
Order from BSRA: L5 as BSRA-2245

Trans. of VDI-Forschungsheft (West Germany) v20 n441 p1 n. d.

NCH-204 673 Field 13I, 20K

Tondl, I. A.
ON THE PROBLEM OF SELF-EXCITED VIBRATIONS OF ROTORS IN AEROSTATIC BEARINGS (K Otezce Samobuzenych Kmitu Rotoru Ulozenych v Aerostatichkych Loziskach). 1966, 16p (foreign text included) 2refs. NEL-Trans-1782.
Order from NLL

Trans. of Elektrotechnicky Casopis (Czechoslovakia) v16 n5 p487-95 1965.

NCH-206 241 Field 13I, 13J

Oppitz, A.
CRANKSHAFT DIMENSIONING TO CLASSIFICATION SOCIETY RULES. 7 Sep 66. BSRA-2411.
Order from BSRA: L5 as BSRA-2411

Trans. of Schiff und Hafen (West Germany) v17 p690 Aug 1965.

TT-66-34810 Field 13I

EAST EUROPEAN MACHINERY INDUSTRIES: TRANSLATIONS NO. 1. 28 Oct 66, 19p. JPRS-38384.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34810

TT-66-34905 Field 13I

Bakis, K.; Vasilev, G.; Tamashauskas, M.
USSR INDUSTRIAL DEVELOPMENT: METALWORKING EQUIPMENT NO. 206. 3 Nov 66, 17p. JPRS-38480.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34905

Trans. of Voprosy Ekonomiki (USSR) n7 p31-40 1966 and Sovetskaya Lita (Lithuanian SSR) 1 Sep p2 1966.

TT-66-34933 Field 13I

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 57. 7 Nov 66, 21p. JPRS-38508.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34933

Abstract trans. of Shang Hai Chi Hsieh (Chinese People's Republic) n5 p1-43, 45 1966.

J. Marine engineering

NCH-206 100 Field 13J

Heuser, H.; Schale, E.
MODEL AND FULL SCALE TESTS WITH A SMALL PUSHER TUG. 1966. BSRA-2387.
Order from BSRA: L5 as BSRA-2387

Trans. of Schiff und Hafen (West Germany) v17 p559 Jul 1965.

NCH-206 109 Field 13J, 9B

Chelnokov, A. M.; Kurovskii, V. N.
PRODUCTION PLANNING IN SHIPYARDS WITH THE AID OF ELECTRONIC COMPUTERS. 1966. BSRA-2397.
Order from BSRA: L5 as BSRA-2397

Trans. of Sudostroenie (USSR) v31 n8 p53 1965.

NCH-206 113 Field 13J

Hubner; Feyer.
STATE AND DEVELOPMENT OF THE ORGANISATION OF INTERNAL (YARD) TRANSPORT IN THE SHIPBUILDING INDUSTRY. 1966. BSRA-2401.
Order from BSRA: L5 as BSRA-2401

Trans. of Schiffbautechnik (East Germany) v13 p184 Apr 1963.

NCH-206 115 Field 13J

Bronnikov, A. V.
HATCH DIMENSIONS OF GENERAL CARGO SHIPS, AND THE (RELEVANT) REQUIREMENTS FOR 'OPEN' SHIPS. 1966. BSRA-2403.
Order from BSRA: L5 as BSRA-2403

Trans. of Sudostroenie (USSR) v31 n11 p21 Nov 1965.

NCH-206 116 Field 13J

Unverferth, G.
A COMPARATIVE EXAMINATION OF THE VALUES OF PROPELLER DAMPING USED IN CALCULATING TORSIONAL VIBRATION IN SHIPS' PROPULSION SYSTEMS. 1966. BSRA-2404.
Order from BSRA: L5 as BSRA-2404

Trans. of Schiffbautechnik (East Germany) v15 p466 Sep 1965.

NCH-206 117 Field 13J

Khordas, G. S.
THE PROBLEM OF OPTIMISING SHIPS' PUMPING AND VENTILATING SYSTEMS. 1966. BSRA-2405.
Order from BSRA: L5 as BSRA-2405

Trans. of Sudostroenie (USSR) v31 n9 p19 1965.

NCH-206 238 Field 13J

Wegner, U.
AN INVESTIGATION AND STUDY OF HEELING-LEVER AND RIGHTING-LEVER RELATIONSHIPS. 7 Sep 66. BSRA-2408.
Order from BSRA: L5 as BSRA-2408

Trans. of Hansa (West Germany) v102 n22 p2085 1965.

NCH-206 239 Field 13J

Wimmers, H.
CONSIDERATION OF THE DESIGN AND CONSTRUCTION OF LARGER GLASS-FIBRE REINFORCED POLYESTER SHIPS. 7 Sep 66. BSRA-2409.
Order from BSRA: L5 as BSRA-2409

Trans. of Schiffbau, Schiffahrt und Hafenbau (Germany) v33 p133 25 Mar; p162 8 Apr 66.

NCH-206 240 Field 13J, 13A, 13K

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NCH-206 243 Field 13J

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NCH-206 244 Field 13J

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NCH-206 245 Field 13J

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Order from BSRA: L5 as BSRA-2416

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NCH-206 248 Field 13J

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Order from BSRA: L5 as BSRA-2422

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NCH-206 258 Field 13J

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NCH-206 259 Field 13J

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Order from BSRA: L5 as BSRA-2431

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TT-66-51053 Field 13M, 13B

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14 METHODS AND EQUIPMENT

B. Laboratories, test facilities, and test equipment

NCH-204 665 Field 14B

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Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-66-62309

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For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16 No. 4.

E. Reprography

NCH-206 092 Field 14E

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ETCHING CLICHES (STEREOTYPE BLOCKS) IN EMULSIONS. 18 Jul 66, 11p. IICH-9069.
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NCH-206 356 Field 14E

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NCH-206 357 Field 14E

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Order from ATS: $14.85 as ATS-60T95J

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NCH-206 358 Field 14E

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Order from ATS: $24.75 as ATS-59T95J

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Order from ATS: $15.80 as ATS-62T95J

Trans. of Denshi Shashin (Japan) v6 n3 p79-84 1966.

15 MILITARY SCIENCES

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MILITARY INFORMATION ON EASTERN EUROPE NO. 146. 27 Oct 66, 10p. JPRS-38339.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34765

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TT-66-34775 Field 15-, 5I

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SOVIET MILITARY TRANSLATIONS NO. 346. Tolubko Discusses Work with Young Missile Officers. 27 Oct 66, 6p. JPRS-38349.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34775

Trans. from Krasnzya Zvezda (USSR) 16 Oct p2 1966.

TT-66-34822 Field 15-

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34822

Trans. of Viata Militara (Rumania) v19 n9 p12-4 1966.

TT-66-34904 Field 15-

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SOVIET MILITARY TRANSLATIONS NO. 349. 3 Nov 66, 12p. JPRS-38479.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34904

Trans. of Tyl i Snabzenie Sovetskikh Vooruzhennykh Sil (USSR) n9 p3-6, 44-7 1966.

TT-66-34942 Field 15-

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34942

Trans. from Quan Doi Nhan Dan (North Vietnam) 11 Sep p2; 13 Sep p1-3; 14 Sep p3; 15 Sep 1-2; 16 Sep p3 1966 and Nhan Dan (North Vietnam) 21 Sep p1-3 1966.

TT-66-34949 Field 15-

SOVIET MILITARY TRANSLATIONS NO. 350. 8 Nov 66, 22p. JPRS-38524.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34949

Trans. of Starshina-Serzhant (USSR) n8 p6-9, 14-5 1966 and from Krasnaya Zvezda (USSR) 27 Sep p2-3 1966.

C. Defense

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Order from SLA: $1.10 as TT-66-14488

Trans. of le Monde (France) 21 Apr 1966.

TT-66-33630 Field 15C, 5I

SOVIET MILITARY TRANSLATIONS NO. 311. DOSAAF and Civil Defense. 24 Aug 66, 15p. JPRS-37201.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33630

TT-66-34874 Field 15C, 5I

Sokolov, V.; Dolbnin, G.
SOVIET MILITARY TRANSLATIONS NO. 348. 2 Nov 66, 10p. JPRS-38448.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34874

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TT-66-62160 Field 15C, 6F, 2A, 6O, 4B, 8M

CBE FACTORS: MONTHLY SURVEY NO. 8. 1966, 129p. ATD-66-100; AD-638 368.

Order from CFSTI or ETC: HC$4.00, MF$1.00
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F. Nuclear warfare

TT-66-62094 Field 15F, 6E

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CHARACTERISTICS AND COMPARISON OF THE DESTRUCTIVE FACTORS OF NUCLEAR WEAPONS OF SMALL AND HIGH POWER. 26 Mar 66, 22p. FTD-TT-64-1369; AD-637 416.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Edited trans. of Przeglad Wojsk Ladowych (Poland) v5 n2 p125-40 1963.

G. Operations, strategy, and tactics

TT-66-33614 Field 15G, 5I

SOVIET MILITARY TRANSLATIONS NO. 310. 24 Aug 66, 43p. JPRS-37185.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-34976 Field 15G, 5D

Solovev, B.; Shaposhnikov, B.; Maslov, P.; Sergeev, K.
SOVIET MILITARY TRANSLATIONS NO. 351. 8 Nov 66, 77p, refs. JPRS-38551.
Order from CFSTI or ETC: HC$3.00, MF$0.75
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Trans. of Voenno Istoricheskii Zhurnal (USSR) n9 p27-35, 72-95, 104-13 1966.

16 MISSILE TECHNOLOGY

No entries

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

B. Communications

NCH-204 664 Field 17B

Naef, A.
EVALUATION OF THE QUALITY OF THE AUTOMATIC TELEPHONE SERVICE. 1966, 18p (foreign text included) 4refs. POED-Trans-2265.
Order from NLL

Trans. of PTT Technische Mitteilungen (Switzerland) v43 n11 p441-50 1965.

NCH-204 667 Field 17B

Coenning, F.
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Order from NLL

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Order from SLA: $3.60 as TT-66-11009

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Order from SLA: $2.60 as TT-66-12894

Trans. of Europaeischer Fernsprechdienst (Germany) p51-62 Dec 1927.

TT-66-14149 Field 17B

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Order from SLA: $2.60 as TT-66-14149

Trans. of Elettronica (Italy) v14 n19 p413-9 1927. Paper presented at the annual meeting of the Associazione Elettrotecnica Italiana (Italian Electrotechnical Association) (no. 32) Como, Oct 1927.

TT-66-14150 Field 17B, 14E

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Order from SLA or ETC: $1.10 as TT-66-14150

Trans. of Denki Tsushin Gakkai Zasshi (Japan) v37 n3 p177-82 1954.

TT-66-14151 Field 17B, 14E

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IMPROVEMENT IN PICTURE DEFINITION IN FACSIMILE TRANSMISSION. 6p (figs omitted) 3refs.
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Trans. of Denki Tsushin Gakkai Zasshi (Japan) v36 n11 p620-4 1953.

TT-66-14240 Field 17B

Knobloch, W.
LINE SELECTOR INSTALLATIONS FOR SECRET COMMUNICATION. 9p (figs refs omitted).
Order from SLA: $1.10 as TT-66-14240

Trans. of ETZ Elektrotechnische Zeitschrift. Ausgabe A. Zentralblatt fuer Elektrotechnik (West Germany) v47 p1065-7 1926.

TT-66-14246 Field 17B

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Order from SLA or ETC: $1.10 as TT-66-14246

Trans. of Denki Gakkai Zasshi (Japan) v53 n10 p917-8 1933.

TT-66-14599 Field 17B

Tsukkerman, I. I.
THE TRANSMISSION OF COORDINATES OF TELEVISION IMAGE ELEMENTS. 7p (formulae omitted) 7refs.
Order from SLA or ETC: $1.10 as TT-66-14599

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TT-66-14600 Field 17B

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Order from SLA: $1.10 as TT-66-14600

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Order from SLA: $1.10 as TT-66-14614

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Order from SLA: $1.60 as TT-66-14622

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H. Optical detection

TT-66-62539 Field 17H, 8E

Sergovskii, Yu. V.
TEST RESULTS ON GYROTHEODOLITES (Resultaty Issledovaniya Gidroteodolitov). Oct 66, 9p. ERDL-T-1874-55; AD-641 274.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-641 274

Trans. of Geodeziya i Kartografiya (USSR) n1 p17-20 1966.

I. Radar detection

TT-66-12403 Field 17I

Kroszczynski, J.
EFFICIENCY OF ATTENUATION OF CONSTANT ECHOES IN SIMPLE AND DOUBLE CANCELLATION APPARATUS. CLUTTER ATTENUATION IN SIMPLE AND DOUBLE M.T.I. CANCELLATION CIRCUITS. 11p, 6refs.
Order from SLA: $1.60 as TT-66-12403

Trans. of Przemyslowy Instytyt Telekomunikacji, Warsaw. Prace (Poland) v8 n24 p41-6 1958.

J. Seismic detection

TT-66-62586 Field 17J, 8K

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-641 717

18 NUCLEAR SCIENCE AND TECHNOLOGY

TT-65-50510 Field 18-

NUKLEONIKA, VOL. 10, NO. 7, 1965. 1966, 77p, refs. SFCSI-AEC(TT-65-50510); AEC-tr-6493.
Order from CFSTI: $3.00 as AEC-tr-6493

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For another listing of this journal see 'Translated or Abstract Publications,' in TT Vol. 16, No. 4.

B. Isotopes

TT-66-14482 Field 18B

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STUDY OF THE TRAPPING OF IODINE BY ACTIVE CHARCOALS. 19p (figs tables omitted).
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STUDY OF THE PRODUCTION OF HEAVY WATER IN FRANCE. 3 Nov 66, 12p, 10refs. JPRS-38475.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34900

Trans. of International Conference on the Peaceful Uses of Atomic Energy (no. 3) Proceedings, v12, New York, 1965 p382-8.

D. Nuclear instrumentation

TT-65-50315 Field 18D

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19 ORDNANCE

A. Ammunition, explosives, and pyrotechnics

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20 PHYSICS

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TT-66-34857 Field 20-, 12A

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Abstract trans. of Wu Li T'ung Pao (Chinese People's Republic) n12 p52-76 1966 and Shu Hsueh T'ung Pao (Chinese People's Republic) n7 p2-52 1966.

TT-66-34912 Field 20-, 12A

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Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34912

Trans. of Shu Hsueh Hsueh Pao (Chinese People's Republic) v15 n3 p305-454 1965 and Wu Li T'ung Pao (Chinese People's Republic) n9 p385-432 1965.
For another listing of Shu Hsueh Hsueh Pao (Chinese People's Republic) see TT V16 n4.

TT-66-34916 Field 20-, 12A

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A. Acoustics

TT-66-13317 Field 20A, 6E

Nemirovsky, S.
GENERAL DISCUSSION OF AUDIOMETRY: THE NORMAL AUDIOGRAM. 17p (figs omitted).
Order from SLA: $1.60 as TT-66-13317

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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B. Crystallography

NCH-206 218 Field 20B

Flahaut, J.
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TT-66-34998 Field 20B

Knorre, E.
PRACTICAL APPLICATION OF LIQUID CRYSTALS.
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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. from Zarya Vostoka (USSR) 8 Sep p4 1966.

C. Electricity and magnetism

TT-66-11221 Field 20C

Neel, L.
THE ANTIFERRO - AND FERROMAGNETISM (Le Ferri- et L'Antiferro-Magnetisme). 35p (foreign text included, discussion incomplete).
Order from SLA: $3.60 as TT-66-11221

Trans. of International Conference of Theoretical Physics, Kyoto/Tokyo, Sep 53. Proceedings, n.p., 1954 p701-14.

TT-66-13149 Field 20C, 6J

Koch, W.; Maass, H.
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Order from SLA: $2.60 as TT-66-13149

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LOW FREQUENCY QUARTZ PLATES OF ZERO TEMPERATURE COEFFICIENT. 4p (figs omitted).
Order from SLA or ETC: $1.10 as TT-66-14212

Trans. of Denki Gakkai Zasshi (Japan) v54 n1 p82-3 1934.

TT-66-14505 Field 20C, 20L

Straubel, R.; Robaschik, D.
RECIPROCAL EFFECT OF SINGLE DOMAIN PARTICLES, FOR CALCULATING THE RECIPROCAL EFFECT OF AN ACCUMULATION OF ALIGNED, MAGNETIC SINGLE DOMAIN PARTICLES. 13p, 13refs.
Order from SLA: $1.60 as TT-66-14505

Trans. of Physica Status Solidi (East Germany) v16 n1 p237-46 1966.

TT-66-14613 Field 20C

Dechene, G.
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Order from SLA: $1.10 as TT-66-14613

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v196 n21 p1577-9 1933.

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Koga, I.
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Order from SLA or ETC: HC$1.10 as TT-66-14620

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TT-66-14646 Field 20C, 14E

Kopystynski, J.
AN INVESTIGATION OF DUST-CHARGES BY MEASURING THE DEVIATION IN THE ELECTRICAL FIELD. 14p, 3refs.
Order from SLA or ETC: $1.60 as TT-66-14646

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Order from SLA: $1.60 as TT-66-14784

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D. Fluid mechanics

TT-66-14432 Field 20D

Reuss, E.
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Order from SLA or ETC: $1.60 as TT-66-14432

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TT-66-62587 Field 20D, 13A, 13K

Polikovskii, V. I.; Levin, A. A.
ON OPERATION OF PUMPS AND BLOWERS UNDER REDUCED FEED REGIMES (O Rabote Nasosov i Vozdukhoduvnykh Mashin na Rezhimakh Ponizhennykh Podach). 28 Jul 66, 14p, 7refs. ATD-66-94; AD-641 856.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-641 856

Trans. of Teploenergetika (USSR) v12 n10 p71-4 1965.

E. Masers and lasers

TT-66-62591 Field 20E

Ermakov, B. A.; Lukin, A. V.
BLEACHING MECHANISM OF ORGANIC PHOTOTROPIC SUBSTANCES USED IN RUBY LASERS AS SWITCHES (Mekhanizm Prosvetleniya Organicheskikh Fototropnykh Zatvorov dlya Rubinovykh OKG). Tr. by Frances McDowell. 26 Sep 66, 9p, 8refs. ATD-66-119; AD-641 876.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-641 876

Trans. of Zhurnal Prikladnoi Spektroskopii (USSR) v4 n5 p410-4 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.
Rept. on Surveys of Foreign Scientific and Technical Literature.

F. Optics

NCH-2[illegible] 308 Field 20F

Gottwald, F.
OPTICAL METHOD FOR THE TESTING OF SURFACE QUALITY. 1966, 9p (figs omitted). K-H-2630.
Order from K-H: $5.40 as K-H-2630

Trans. of Kunststoffe (West Germany) v38 p74-6 1948.

TT-66-14111 Field 20F

Mickevicius, V. V.
ON THE POLARIZATION CAPACITY OF CERTAIN IONS. Tr. by M. Kassatkin. May 66, 8p, 12refs. UCRL-Trans-1325.
Order from SLA or ETC: $1.10 as TT-66-14111

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TT-66-14493 Field 20F

Kunze, C.
PHOTOELECTRIC PROPERTIES OF ANTIMONY TRISULFIDE LAYERS. 17p, 12refs.
Order from SLA: $1.60 as TT-66-14493

Trans. of Annalen der Physik (East Germany) s7 v1 n1/3 p173-82 1958.

TT-66-14507 Field 20F

Unangst, D.
A NEW INTERFERENTIAL ANALOG METHOD FOR FOURIER TRANSFORMS. 3p (refs omitted).
Order from SLA: $1.10 as TT-66-14507

Trans. of die Naturwissenschaften (West Germany) v52 n21 p588 1965.

TT-66-14616 Field 20F

Royer, H.
INFORMATION CONTENT OF HOLOGRAMS. 6p, 7refs.
Order from SLA: $1.10 as TT-66-14616

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v261 n20 p4003-6 1965.

TT-66-14640 Field 20F

Oranovskii, V. E.; Trapeznikova, Z. A.
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Order from SLA or ETC: $1.60 as TT-66-14640

Trans. of Optika i Spektroskopiya (USSR) v5 n3 p302-6 1958.

TT-66-14752 Field 20F

Fick, E.; Joos, G.
CRYSTAL SPECTRA. 85p, 25refs.;
Order from SLA: $8.10 as TT-66-14752

Trans. of mono. Handbuch der Physik, v28 Spectroscopy II, n.p., 1957 n.d. p205-42.
Partial trans. of p205-95.

TT-66-62541 Field 20F

Preuss, E.
THE ILLUMINATION OF SPECTROGRAPHS BY LENTICULAR SCREENS (Die Ausleuchtung von Spektrographen mit Linsenrastern). Aug 66, 23p. ERDL-T-1871-66; AD-641 275.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-641 275

Trans. of Beitraege zur Mineralogie und Petrographie (West Germany) v4 p163-71 1954.

G. Particle accelerators

TT-66-12258 Field 20G

Pavlov, V. I.; Dobroliubsky, A. N.
BOMBARDMENT OF METALLIC SURFACES WITH POSITIVE IONS. 14p (figs omitted) 7refs.
Order from SLA: $1.60 as TT-66-12258

Trans. of Leningrad Univ. Uchenye Zapiski. (USSR) n1 p65-72 1934.

TT-66-14526 Field 20G

Pauthenier, M.; Moreau-Hanot, M.
HIGH-VOLTAGE GENERATORS WITH GAS STREAMS. 12p, 3refs.
Order from SLA: $1.60 as TT-66-14526

Trans. of Journal de Physique (France) s7 v8 p193-6 1937.

H. Particle physics

TT-66-14445 Field 20H, 18B

Krebs, K. H.
INVESTIGATIONS OF THE ISOTOPE EFFECT DURING THE SECONDARY ELECTRON EMISSION AT METAL SURFACES BY POSITIVE IONS. 4p, 7refs.
ORNL-tr-680.
Order from SLA: $1.10 as TT-66-14445

Trans. of Annalen der Physik (East Germany) s7 v15 p111-2 1965.

TT-66-14449 Field 20H

Phillipp, K.; Konat, K.
LONG-RANGE ALPHA-PARTICLES OF RADIUM C. 10p, 11refs. ORNL-tr-696.
Order from SLA: $1.10 as TT-66-14449

Trans. of Zeitschrift fuer Physik (West Germany) v52 p759-66 1928.

I. Plasma physics

TT-65-13277 Field 20I, 20G

Akhiezer, A. I.; Akhiezer, I. A.; Polovin, R. V.; Sitenko, A. G.; Stepanov, K. N.
CYCLOTRON AND CHERENKOV DAMPING OF ELECTRONIC VIBRATIONS. 7p, 9refs.
Order from SLA: $1.10 as TT-65-13277

Trans. from mono. Collective Vibration in a Plasma, Moscow, 1964 p41-8.

TT-66-14880 Field 20I

Kokhanenko, V. V.; Prilezhaeva, N. A.
EMISSION FROM NITROGEN IN A GLOW DISCHARGE UNDER INCREASED PRESSURE. 8p, 3refs.
Order from SLA or ETC: $1.10 as TT-66-14880

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Fizika (USSR) n1 p152-4 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

K. Solvents, cleaners and abrasives

TT-65-50135 Field 20K

Vlasov, V. Z.; Leontev, U. N.
BEAMS, PLATES AND SHELLS ON ELASTIC FOUNDATIONS. Tr. by A. Barouch. 1966, 367p, 89refs.
SFCSI-NASA(TT-65-50135); NASA-TT-F-357.
Order from CFSTI or ETC: $7.00 as NASA-TT-F-357

Trans. of mono. Balki, Plity i Obolochnki na Uprugom Osnovanii, Moscow, 1960.

TT-66-14558 Field 20K, 13M

Callari, C. E.
THE GENERAL METHOD OF CALCULATING THE PLATES IN FLEXION IN THE ANELASTIC OR A-ELASTIC DOMAIN. 16p.
Order from SLA: $1.60 as TT-66-14558

Trans. of Institut Technique du Batiment et des Travaux Publics, Paris. Annales (France) v17 n201 p959-66 1964.
Partial trans. of p959-72.

TT-66-62564 Field 20K, 11C

Mozhanskaya, A. F.; Fedorov, A. P.; Fierova, N. A.
THE USE OF OPTICALLY ACTIVE COATINGS IN THE SOLUTION OF PLANE ELASTO-PLASTIC PROBLEMS. 13 Apr 66, 11p, 6refs. FTD-TT-65-1991; AD-641 649.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-641 649

Unedited rough draft trans. of Sudostroenie (USSR) v31 n1 p21-3 1965.

L. Wood and paper products

TT-66-10348 Field 20L

Bon Mardion, G.; Goodman, B. B.; Lacaze, A.
THE SUPERCONDUCTORS OF THE SECOND KIND OF THE LEAD-THALLIUM SYSTEM. 36p, 60refs.
Order from SLA: $3.60 as TT-66-10348

Trans. of Journal of Physics and Chemistry of Solids (U. S.) v26 n7 p1143-55 1965.

TT-66-14233 Field 20L

THE OSCILLATING CRYSTAL (Der Schwingende Kristall). 7p (foreign text included) 1ref.
Order from SLA: $1.10 as TT-66-14233

Trans. of ETZ Elektrotechnische Zeitschrift. Ausgabe A. Zentralblatt fuer Elektrotechnik (West Germany) v54 n50 p1219 1933.

TT-66-14389 Field 20L, 20F

Fritz, B.; Luety, F.; Rausch, G.
OPTICAL PROPERTIES OF FA-CENTERS IN ALKALI HALIDES. 31p, 18refs.
Order from SLA: $3.60 as TT-66-14389

Trans. of Physica Status Solidi (East Germany) v11 n2 p635-50 1965.

TT-66-14390 Field 20L

Shishiyanu, F. S.; Boltaks, B. I.
Ag AND Au LEVELS IN GaAs. 5p, 4refs.
Order from SLA or ETC: $1.10 as TT-66-14390

Trans. of Fizika Tverdogo Tela (USSR) v8 n4 p1312-4 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-14394 Field 20L

Poschenrieder, W.; Schoefer, F.
THE ELECTROMECHANICAL QUARTZ FILTER - A NEW COMMUNICATION TECHNOLOGY COMPONENT. 17p.
Order from SLA: $1.60 as TT-66-14394

Trans. of Frequenz (West Germany) v17 n3 p88-94 1963.

TT-66-14492 Field 20L, 9A

Spenke, E.
FORWARD AND RESISTANCE CHARACTERISTICS OF A p-i-METAL-RECTIFIER. 37p, 7refs.
Order from SLA: $3.60 as TT-66-14492

Trans. of Zeitschrift fuer Naturforschung (West Germany) v11a n6 p440-56 1956.

TT-66-14494 Field 20L

Lemke, H.
MEASUREMENT OF SILICON SINGLE CRYSTAL LIFE-TIMES BY THE DOUBLE PULSE METHOD. 16p, 7refs.
Order from SLA: $1.60 as TT-66-14494

Trans. of Physica Status Solidi (East Germany) v12 n1 p115-23 1965.

TT-66-14506 Field 20L

Poulet, H.
VIBRATIONAL MODES OF CRYSTALS CORRESPONDING TO POINTS OF SYMMETRY OF THE BRILLOUIN ZONE. 16p, 4refs.
Order from SLA: $1.60 as TT-66-14506

Trans. of Journal de Physique (France) v26 n11 p684-8 1965.

TT-66-14680 Field 20L

Barraud, A.
A STUDY OF THE CURRENT OSCILLATIONS IN GaAs OF HIGH RESISTIVITY. 6p, 3refs.
Order from SLA: $1.10 as TT-66-14680

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v261 n21 p4373-6 1965.

TT-66-14738 Field 20L

Waku, S.
STUDIES ON THE PREPARATIVE METHOD OF BARIUM TITANATE BY POTASSIUM FLUORIDE FLUX METHOD. I: THE PREPARATIVE METHOD OF BARIUM TITANATE SINGLE CRYSTAL BY POTASSIUM FLUORIDE FLUX METHOD. 21p.
Order from SLA or ETC: $2.60 as TT-66-14738

Trans. of Kogyo Kagaku Zasshi (Japan) v61 p966-9 1958.

TT-66-14894 Field 20L

Karkhanin, Yu. I.; Tretyak, O. V.
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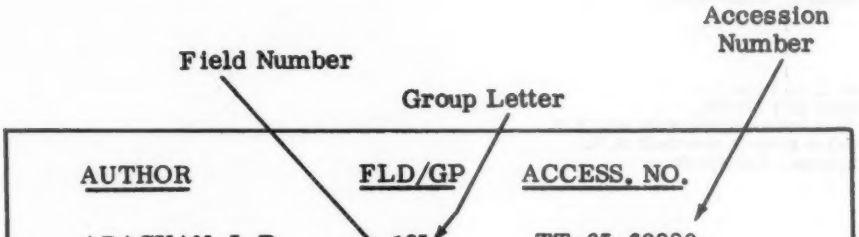

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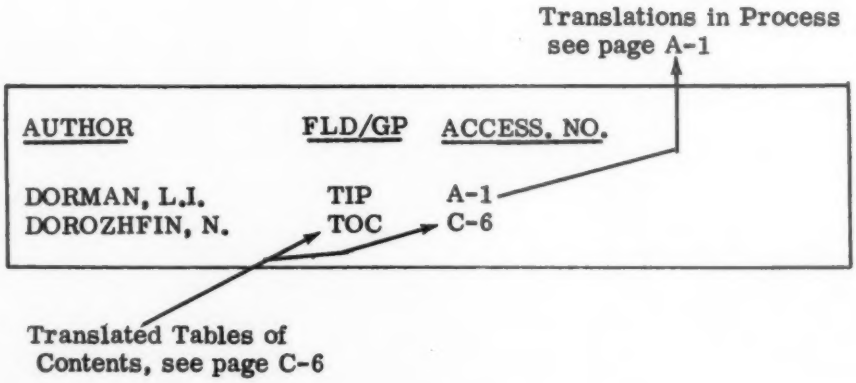

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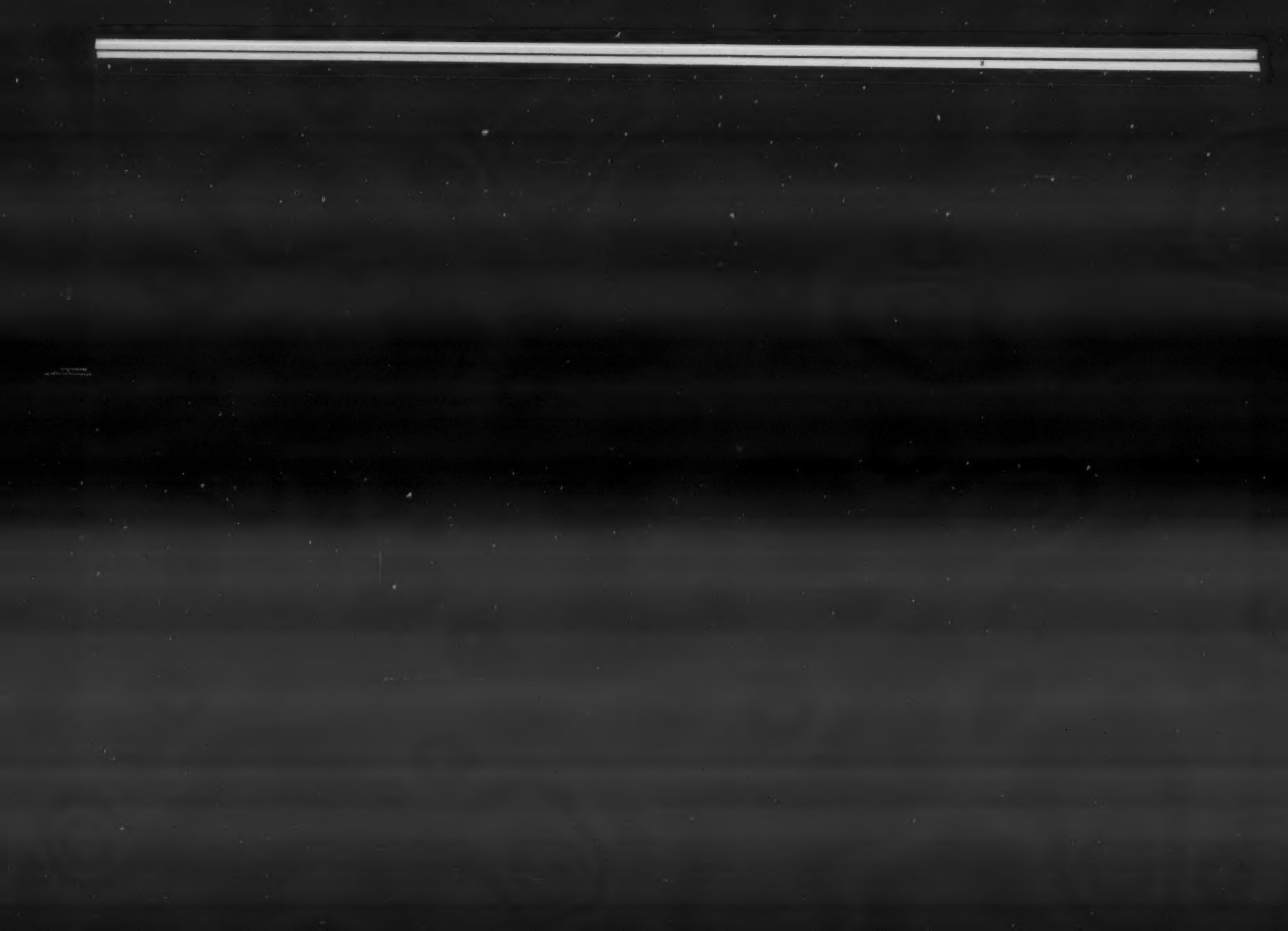

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